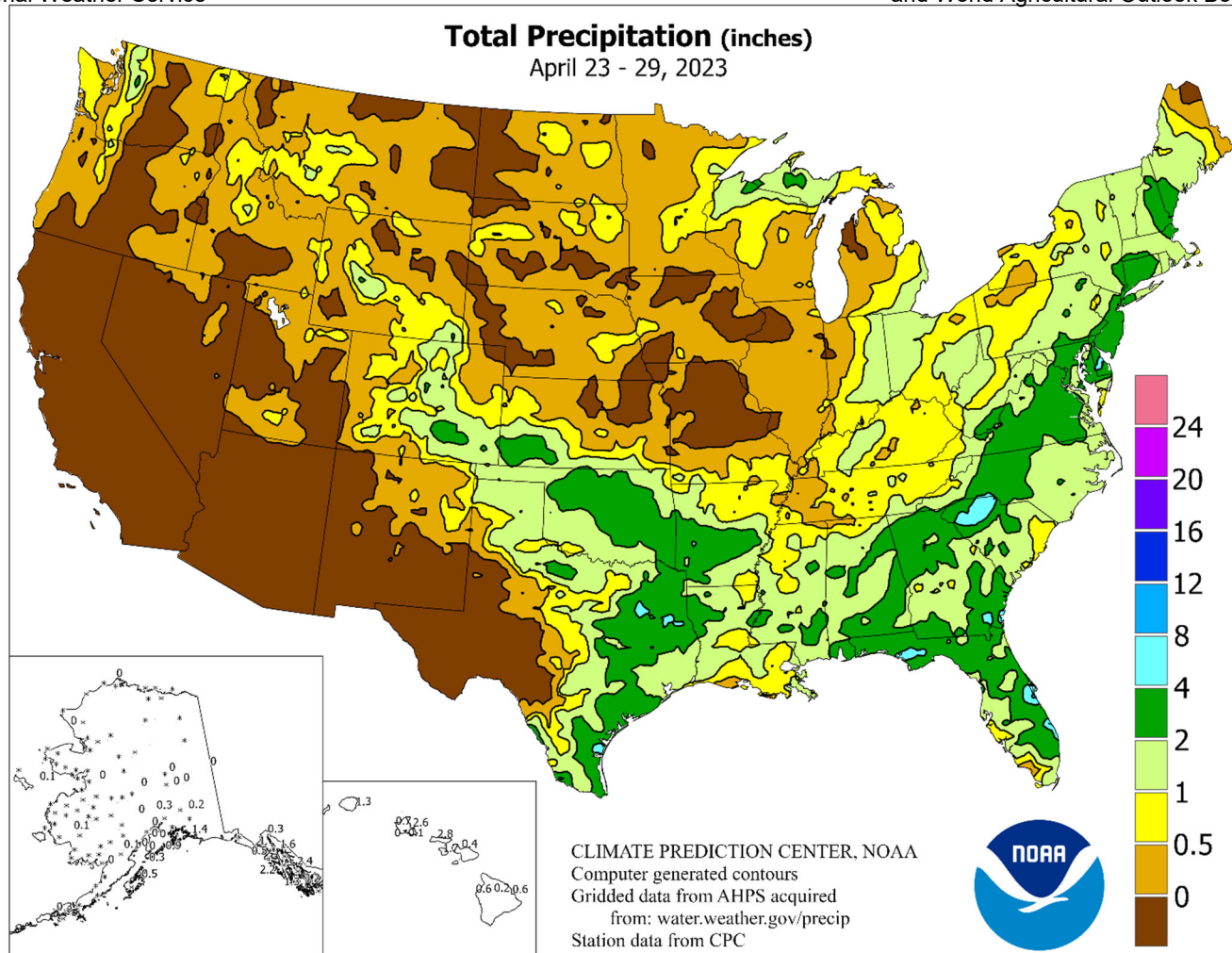


WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

April 23 – 29, 2023

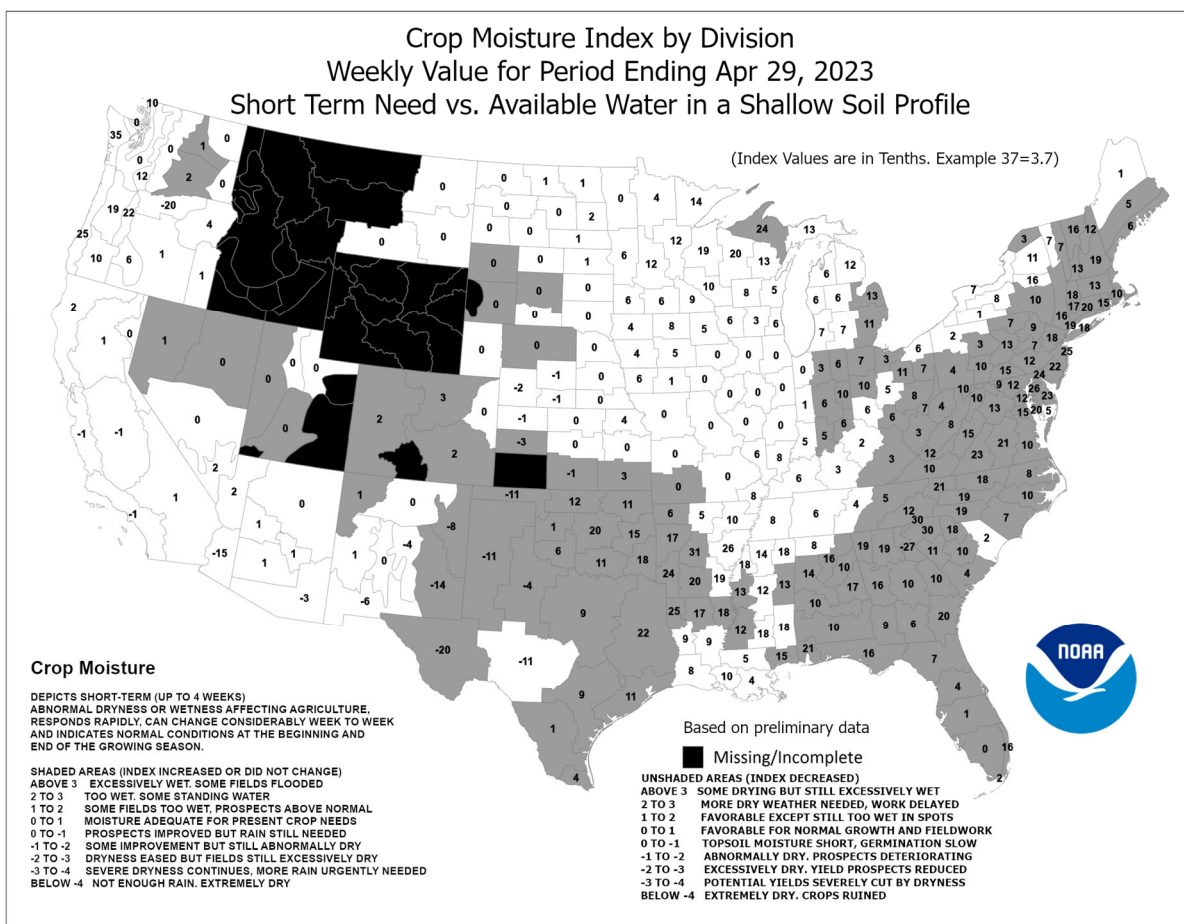
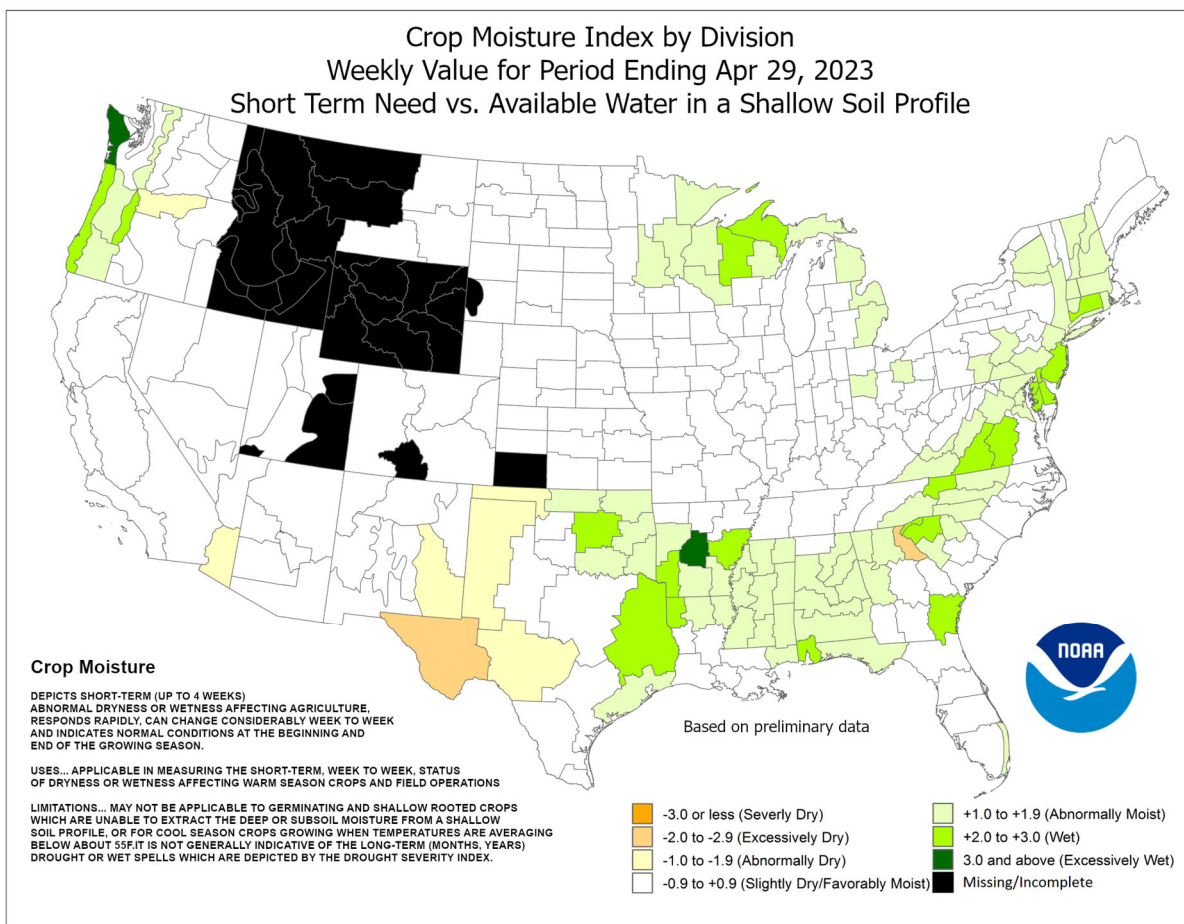
Highlights provided by USDA/WAOB

Much-needed rain fell across portions of the **central and southern Plains**, providing limited and localized relief to drought-stressed rangeland, pastures, and winter grains. Some of the heaviest rain, generally 1 to 3 inches, fell in **southeastern Colorado**, **southwestern Kansas**, **northern and eastern Texas**, and much of **Oklahoma**. Significant rain extended eastward across the **South**, eventually reaching the **Atlantic Coast States**. The **Southern** and **Eastern** rain slowed fieldwork but benefited pastures and recently planted summer crops. Totals

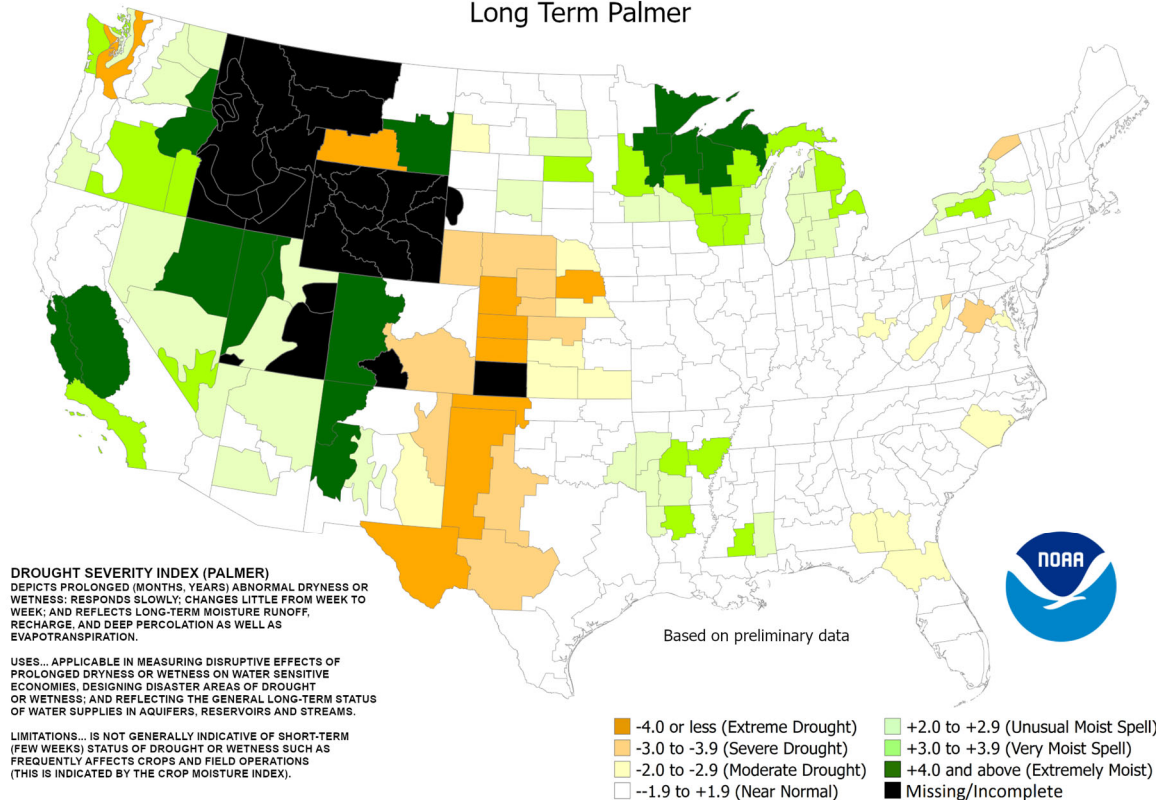
(Continued on page 5)

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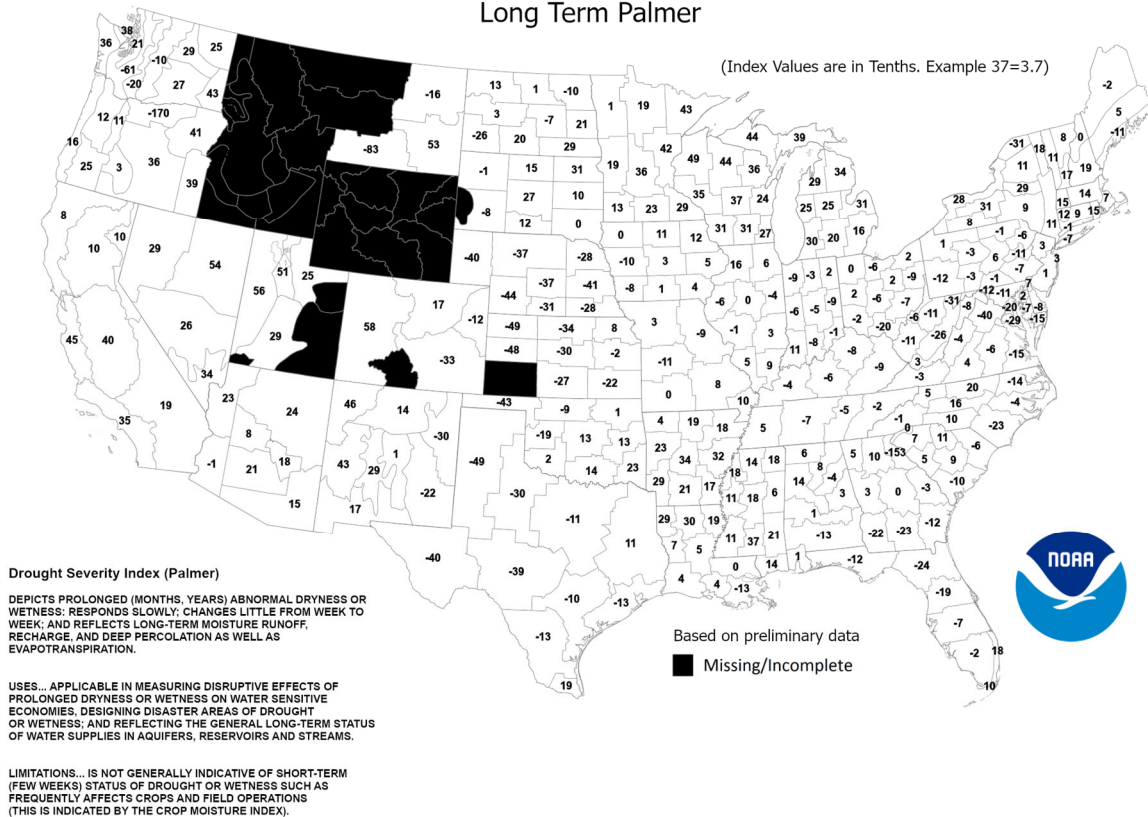
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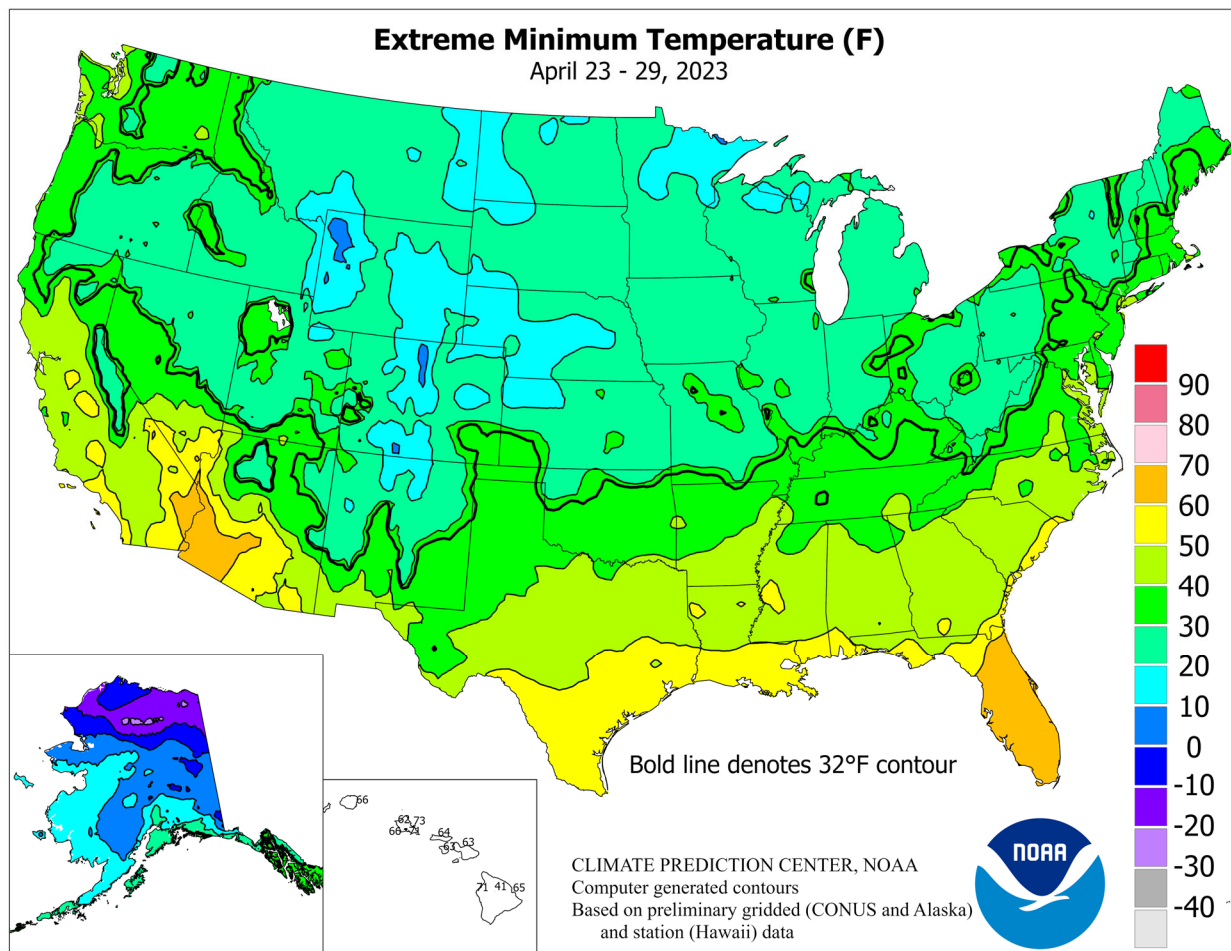
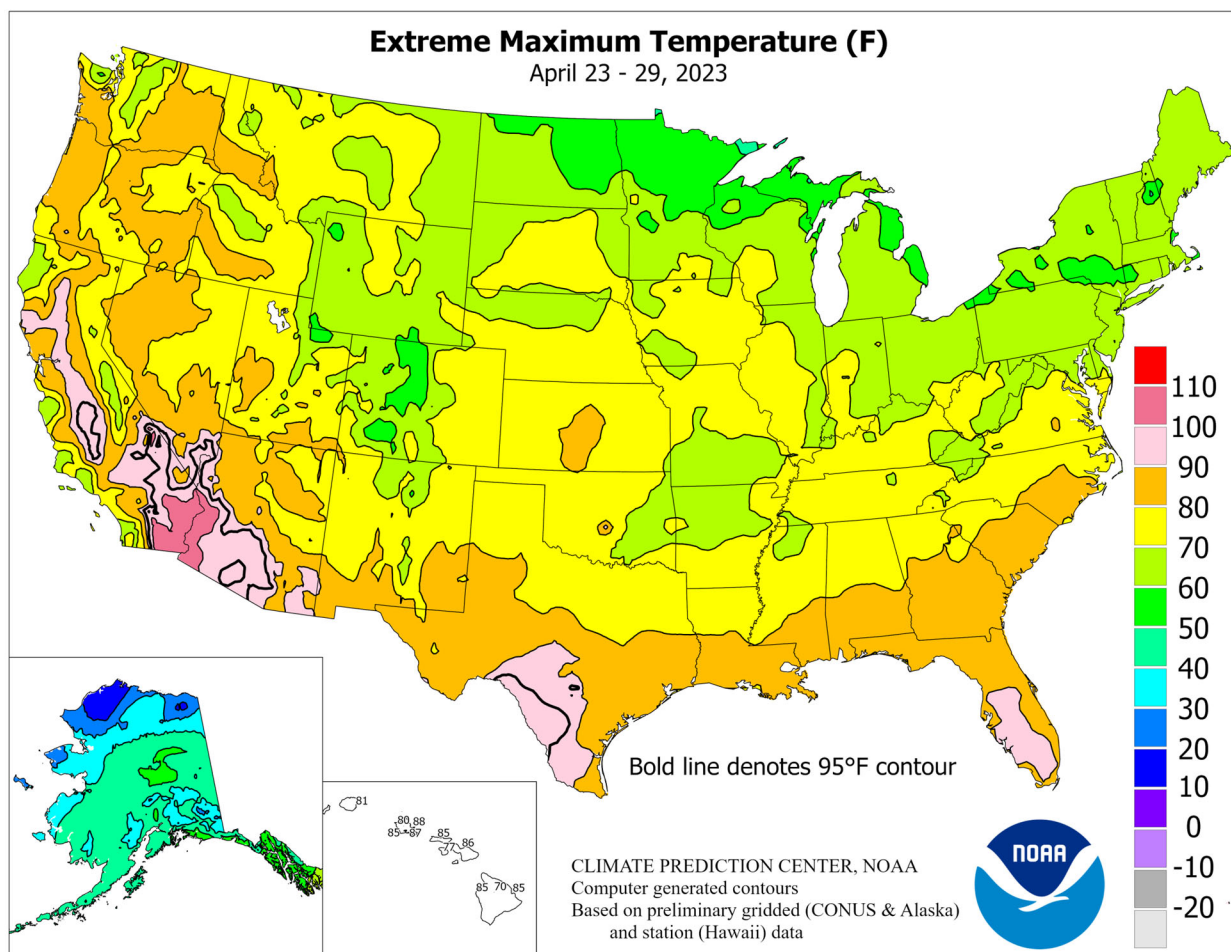


Drought Severity Index by Division Weekly Value for Period Ending Apr 29, 2023 Long Term Palmer



Drought Severity Index by Division Weekly Value for Period Ending Apr 29, 2023 Long Term Palmer



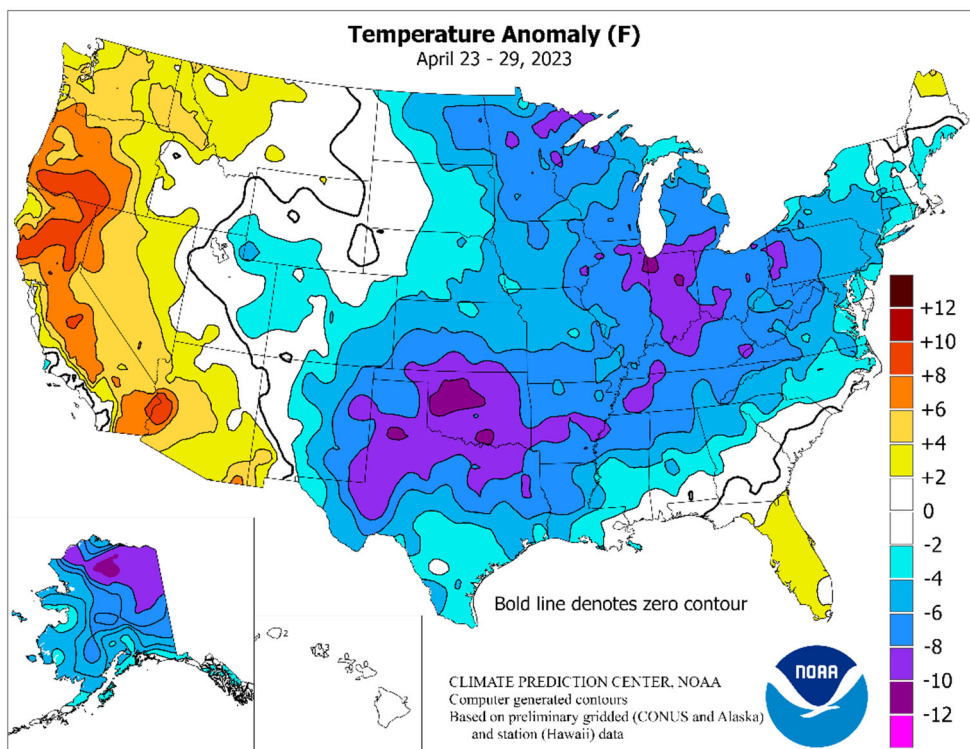


(Continued from front cover)

exceeding 4 inches were reported in a few spots, mainly across **northeastern Texas** and the **middle and southern Atlantic States**. Most other areas, including the **Northwest, Midwest, and northern half of the Plains**, received only spotty showers. Completely dry weather from **California into the Southwest** accompanied early-season heat. In fact, weekly temperatures averaged at least 10°F above normal in portions of **California**, with warmer-than-normal conditions extending eastward into the **Great Basin and Desert Southwest**, and northward into the **Pacific Northwest and northern Rockies**. In contrast, temperatures averaged as much as 10°F below normal in several areas, including the **southern Plains and the eastern Corn Belt**. During the early- to mid-week period, unusually cold weather gripped the **nation's mid-section**, resulting in widespread freezes as far south as the **central Plains and Ohio Valley**. In freeze-affected areas, producers monitored crops such as blooming fruits and heading winter wheat. However, only scattered emergence of summer crops was noted in areas where temperatures fell to 32°F or below.

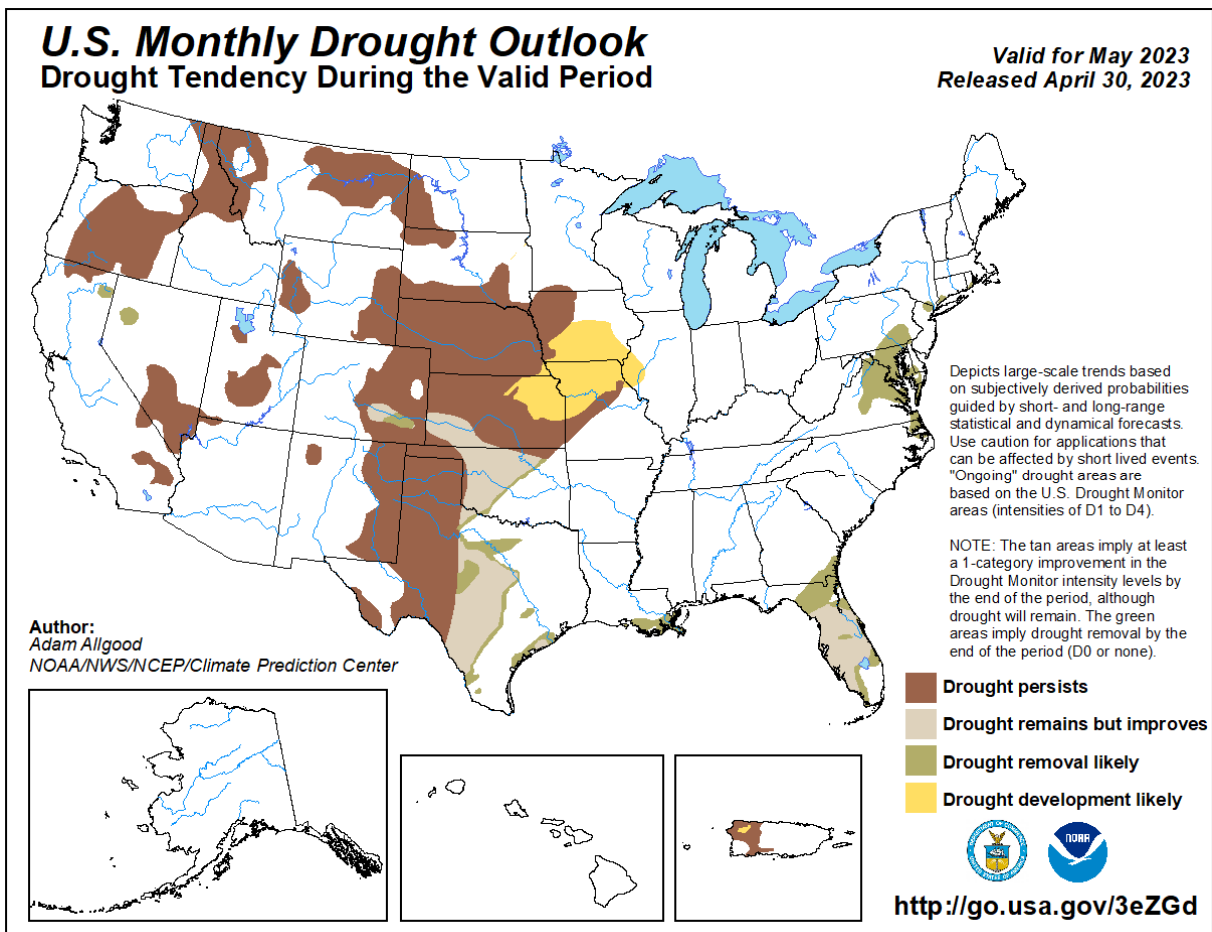
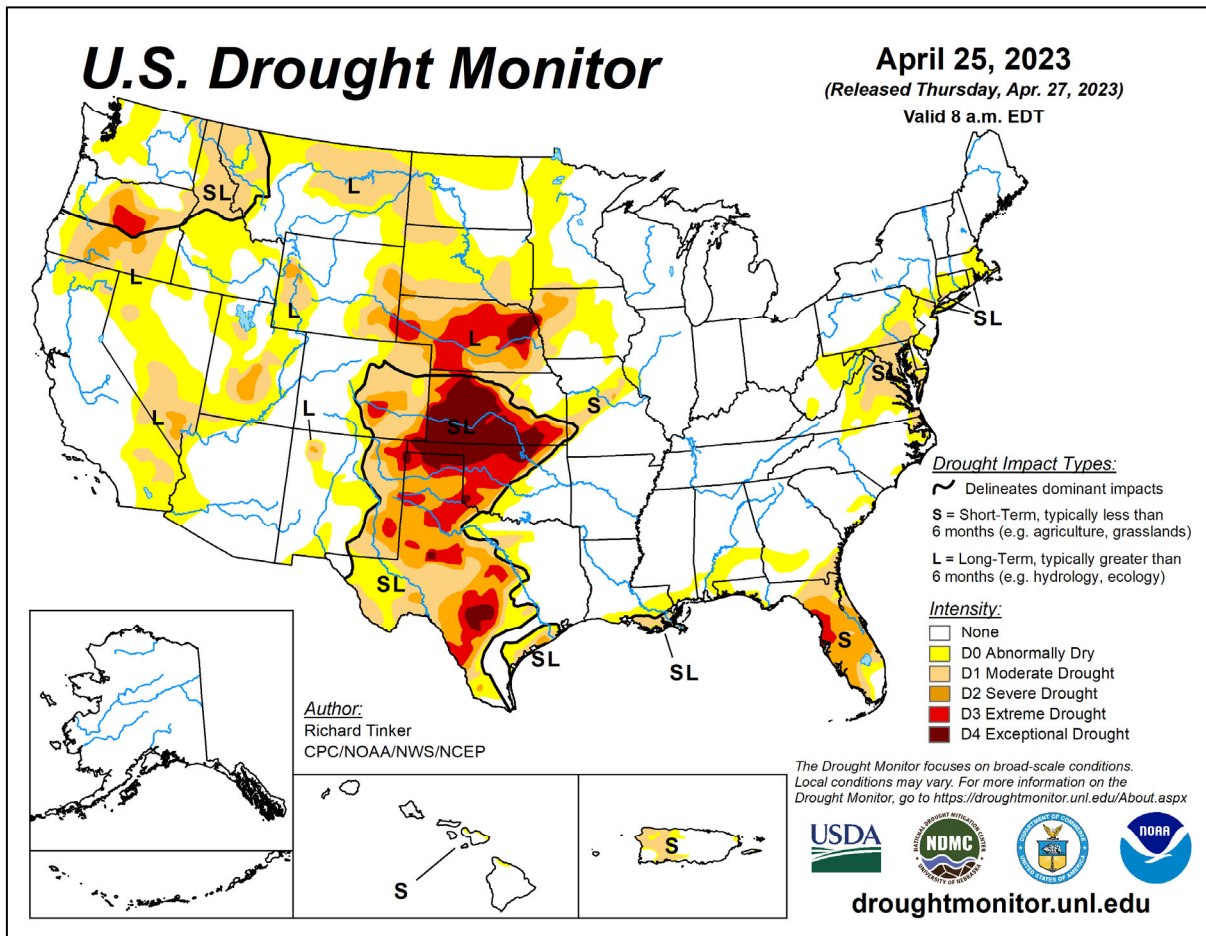
On April 23 in **Nebraska**, daily-record low temperatures dipped to 15°F in **Broken Bow** and **Chadron**; 16°F in **North Platte** and **Sidney**; and 19°F in **Imperial**. In **Kansas**, daily-record lows plunged to 17°F in **Colby** and **Goodland**. On the same date, Midwestern records included 21°F in **Sioux City, IA**, and 23°F in **St. Joseph, MO**. **Indianapolis, IN**, collected a daily-record low (28°F) for April 24. By mid-week, another push of cold air led to record-setting lows for April 26 in locations such as **Mason City, IA** (22°F); **Fort Wayne, IN** (28°F); and **Moline, IL** (29°F). Temperatures remained below 60°F all week from parts of **North Dakota to Upper Michigan**. In **Jamestown, ND**, the highest reading reported during the entire month was 58°F (on the 26th), tying an April low-maximum temperature record originally set in 1975. In contrast, an early-season hot spell in the **Far West** boosted temperatures to 100°F or higher in parts of the **Desert Southwest** and to near the 95-degree mark in **California's San Joaquin Valley**. **Bakersfield, CA**, notched a daily-record high (97°F) on April 28. Elsewhere on the 28th, monthly record high temperatures were established in **Northwestern** locations such as **Roseburg, OR** (95°F), and **Hoquiam, WA** (86°F). **Palm Springs, CA**, posted a daily-record high (106°F) on April 29. Farther east, **Burlington, VT**, completed its warmest April on record, with a monthly average temperature of 50.6°F (5.0°F above normal). In contrast, April temperatures averaged 5 to 7°F below normal in **North Dakota** locations such as **Bismarck, Dickinson, and Minot**.

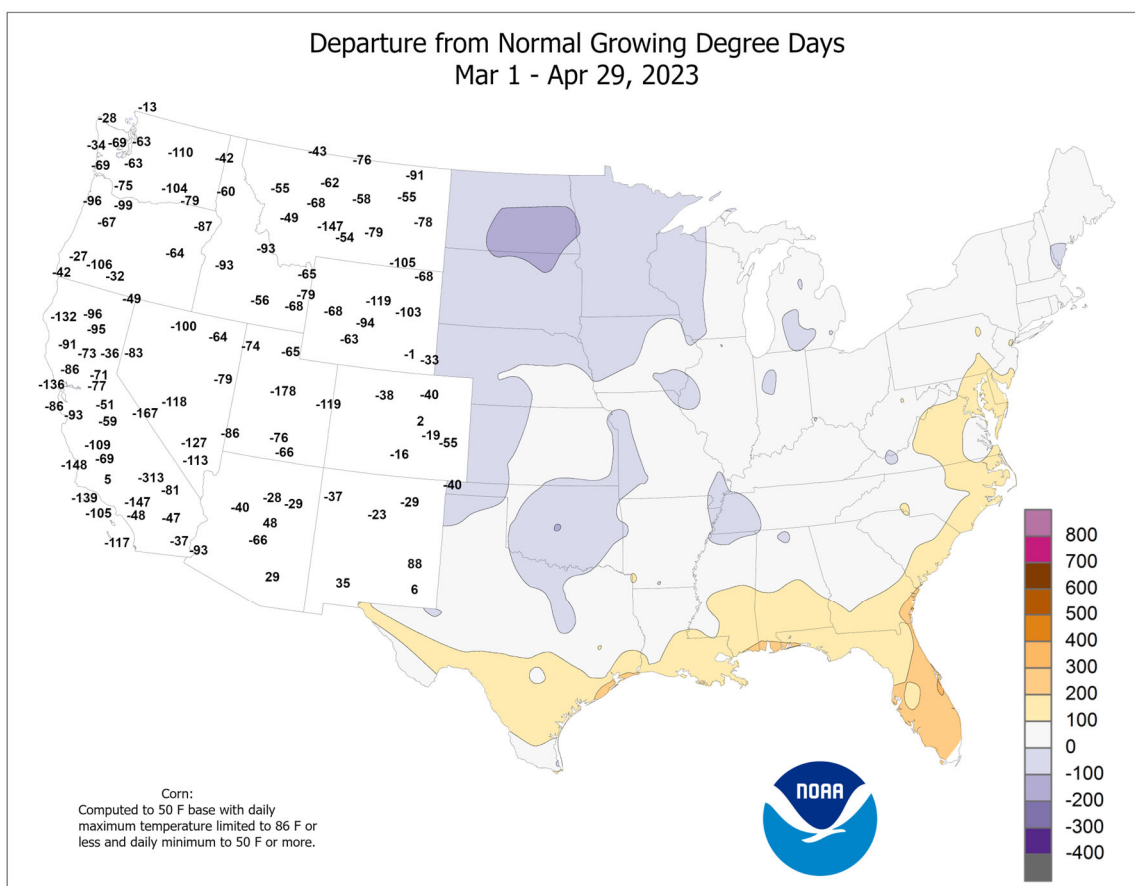
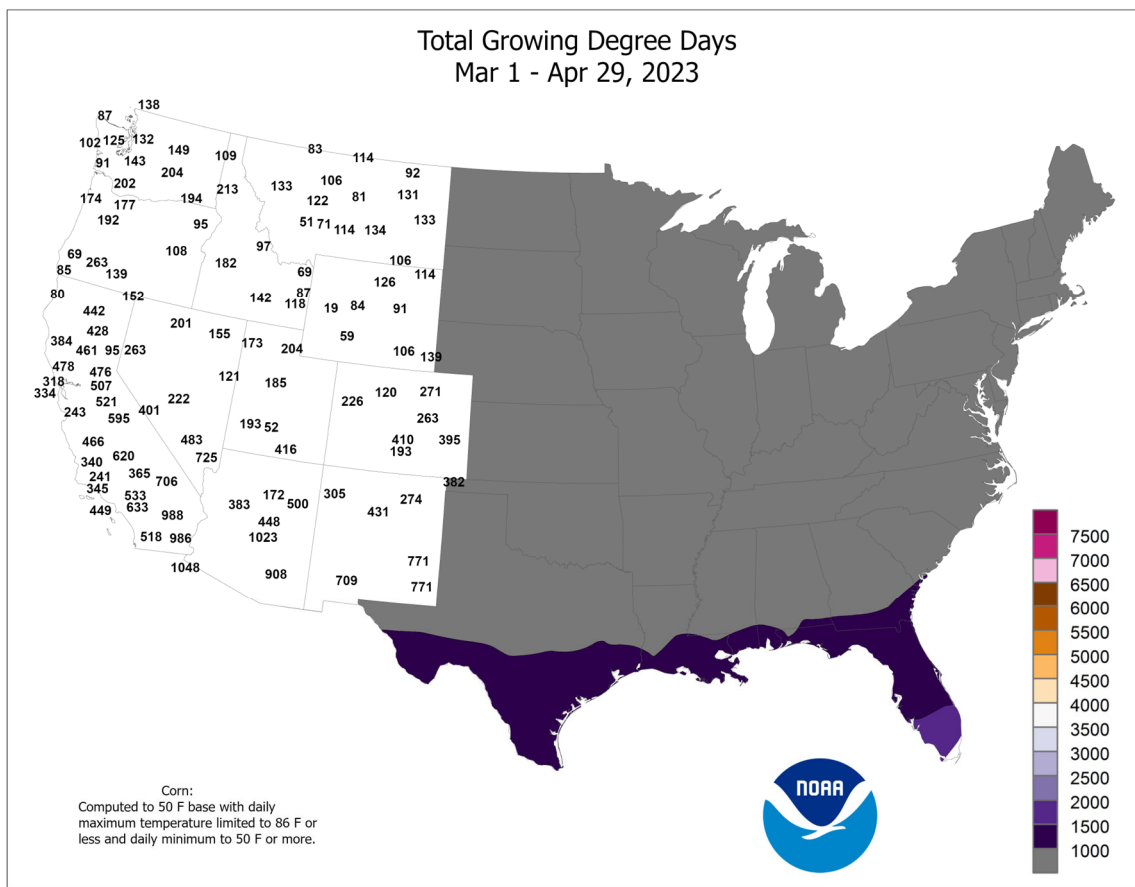
Early in the week, heavy rain drenched the **Northeast**. On April 23, daily-record totals topped 2 inches in **Hartford, CT** (3.13 inches); **Concord, NH** (2.46 inches); and **Worcester, MA** (2.02 inches). A separate area of rain in **Texas** resulted in record-setting totals for April 23 in **Laredo** (3.04 inches) and **Palacios** (2.12 inches). Later, a storm system arriving from the **West** delivered much-needed rain across the **central and southern Plains**. April 25-26 rainfall totaled 2.09 inches in **Pueblo, CO**, aided by a daily-record sum (1.40 inches) on the initial date. Similarly, April 25-26 rainfall reached 2.15 inches in **Garden City, KS**, and 1.12 inches in **Borger, TX**. Farther north, however, dry conditions prevailed. **North Platte, NE**, completed its driest April on record (0.04 inch, or 2 percent of normal), tying 1928.

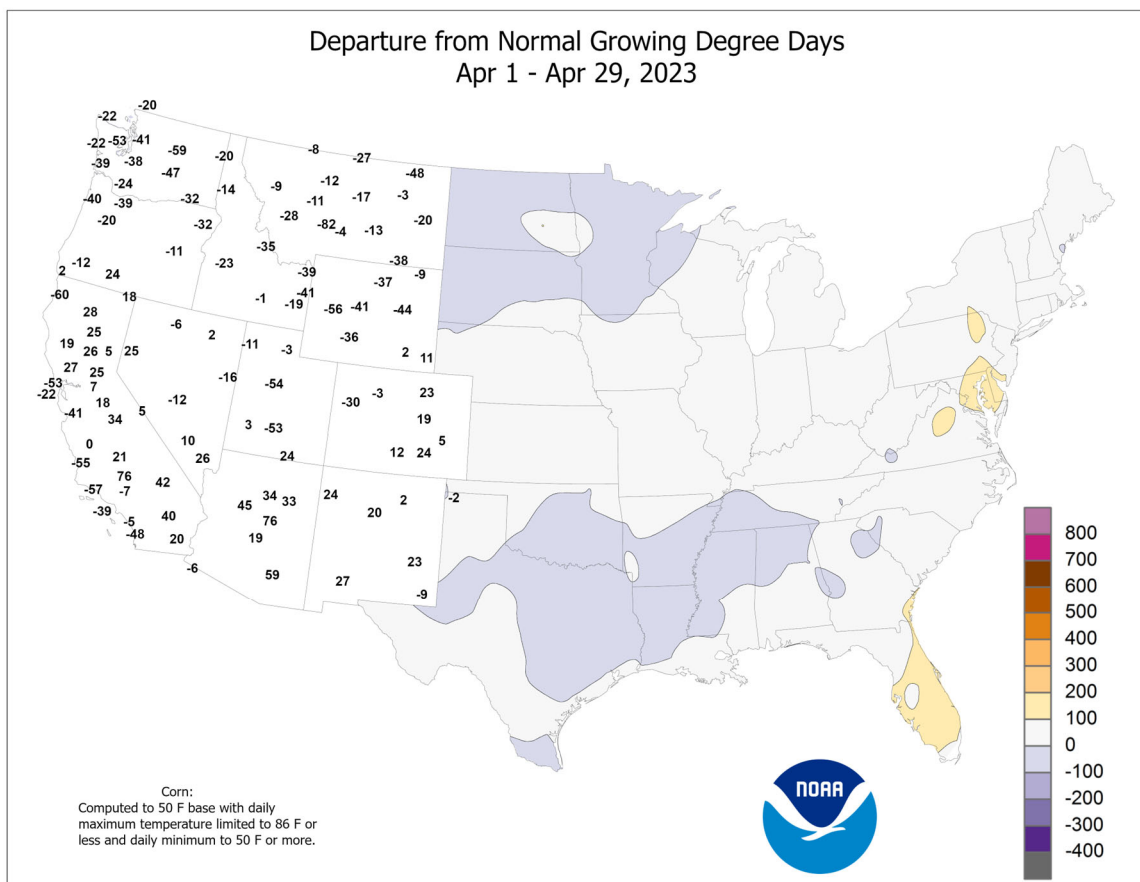
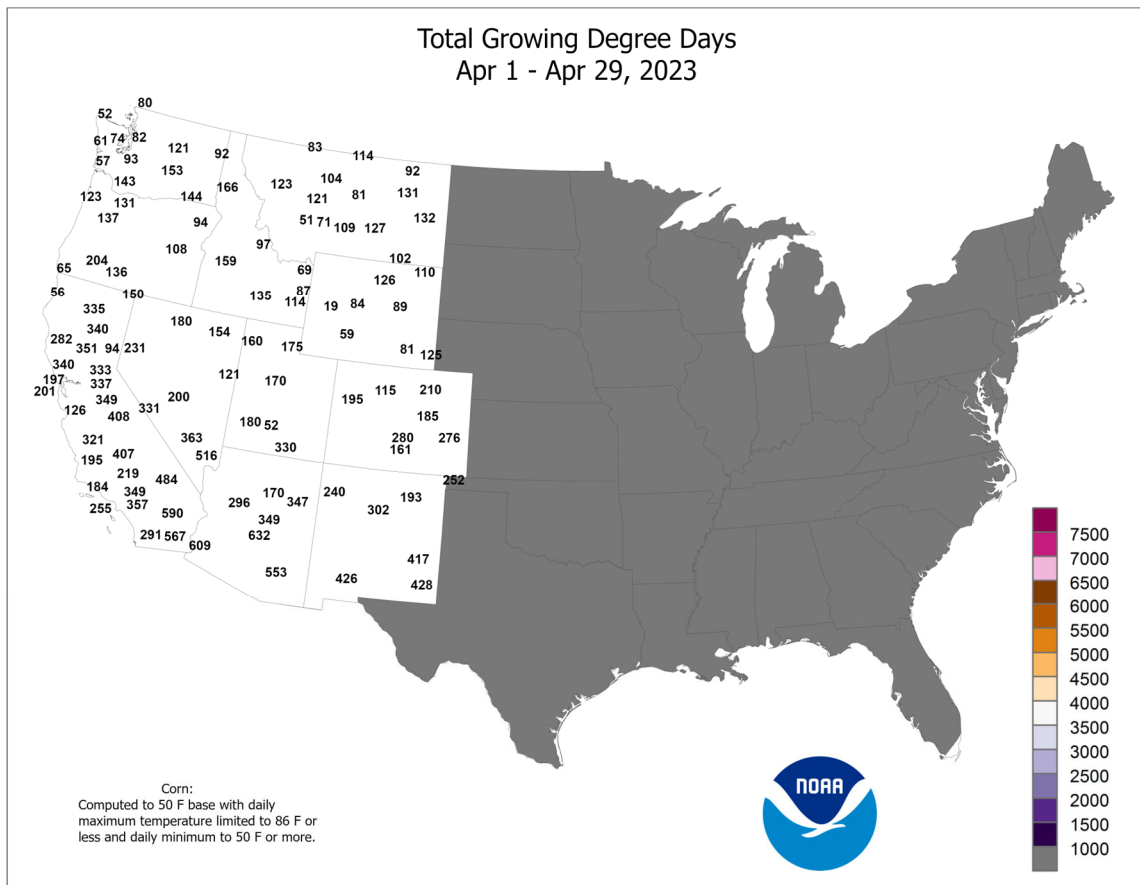


Since a major snowfall (13.9 inches) struck **North Platte** on January 18, precipitation has totaled 0.62 inch. During the second half of the week, two rounds of heavy rain affected portions of the **southern and eastern U.S.** As the first event unfolded on April 27, daily-record totals included 4.40 inches in **Greenville-Spartanburg, SC**, and 4.13 inches in **Pensacola, FL**. Daily-record amounts topped 2 inches on the 27th in **Florida** locations such as **Fort Pierce** (2.54 inches) and **Gainesville** (2.45 inches). By April 28, daily-record totals included 2.06 inches in **Lynchburg, VA**; 1.82 inches in **Baltimore, MD**; and 1.59 inches in **Zanesville, OH**. Rain was slow to exit the **Northeast**, where record-setting amounts for April 29 totaled 3.05 inches in **Newark, NJ**, and 2.46 inches at **New York's Central Park**. The last day of April featured lingering rain from the first round of storminess—**Augusta, ME**, received 3.00 inches—along with daily-record totals associated with the second round in locations such as **Scranton, PA** (3.06 inches), and **Georgetown, DE** (2.40 inches). Meanwhile, snow-melt flooding continued in the **upper Mississippi Basin**. Along the **Mississippi River**, it was a top-three flood crest in locations such as **La Crosse, WI** (3.89 feet above flood stage on April 26), and **Dubuque, IA** (7.03 feet above flood stage on April 29). In those locations, higher crests occurred only in April 1965 and 2001.

Alaska's spring chill persisted through another week, with temperatures averaging at least 10°F below normal at some northern locations. In fact, April temperatures averaged 13.4°F below normal in **Bettles**, along with 14.3°F in **Nome**, 13.3°F in **Kotzebue**, 12.9°F in **Delta Junction**, 12.2°F in **Fairbanks**, and 12.0°F in **Bethel**. Despite cold April weather, snow finally disappeared from **Anchorage**, with the depth dropping to a trace by the morning of the 30th—down from 30 inches on April 11. Snow cover in **Anchorage** had been continuous since October 25, 2022. Meanwhile, **Fairbanks** retained a 14-inch snow cover on April 30, down from 28 inches on the 13th. Farther south, April ended on a relatively dry note in **Hawaii**, although heavy rain earlier in the month bumped totals to above-normal values in many locations. **Lihue, Kauai**, netted an April sum of 4.79 inches (236 percent of normal), aided by a 2.20-inch total on the 18th. With drier weather in late in the month, **Hilo** (on the **Big Island**) posted a daily-record high of 87°F on April 24.







National Weather Data for Selected Cities

Weather Data for the Week Ending April 29, 2023

Data Provided by Climate Prediction Center

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | |
|---------------------------|-----------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------------|--------------------|----------------|--------------|---------------------|---------------------|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN., SINCE MAR 1 | PCT. NORMAL SINCE MAR 1 | TOTAL IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMP. °F | | PRECIP. | |
| | | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AK | ANCHORAGE | 44 | 30 | 47 | 23 | 37 | -5 | 0.04 | -0.06 | 0.04 | 1.69 | 152 | 3.91 | 143 | 80 | 49 | 0 | 5 | 1 | 0 |
| | BARROW | 10 | -1 | 14 | -6 | 4 | 0 | 0.04 | 0.00 | 0.02 | 0.53 | 153 | 2.11 | 298 | 87 | 74 | 0 | 7 | 3 | 0 |
| | FAIRBANKS | 40 | 20 | 54 | 9 | 30 | -12 | 0.00 | -0.09 | 0.00 | 0.80 | 110 | 2.46 | 133 | 66 | 37 | 0 | 7 | 0 | 0 |
| | JUNEAU | 48 | 37 | 55 | 33 | 42 | -1 | 1.58 | 0.72 | 0.57 | 7.17 | 102 | 18.43 | 106 | 96 | 67 | 0 | 0 | 7 | 2 |
| | KODIAK | 44 | 32 | 49 | 30 | 38 | -4 | 0.49 | -0.93 | 0.14 | 3.52 | 32 | 14.30 | 56 | 84 | 54 | 0 | 4 | 4 | 0 |
| AL | NOME | 30 | 20 | 35 | 14 | 25 | -4 | 0.10 | -0.07 | 0.06 | 3.10 | 213 | 5.38 | 159 | 81 | 62 | 0 | 7 | 2 | 0 |
| | BIRMINGHAM | 71 | 52 | 77 | 46 | 62 | -5 | 1.20 | 0.06 | 0.92 | 9.95 | 94 | 21.78 | 106 | 82 | 45 | 0 | 0 | 3 | 1 |
| | HUNTSVILLE | 67 | 47 | 74 | 39 | 57 | -9 | 0.84 | -0.32 | 0.47 | 9.11 | 90 | 19.08 | 94 | 91 | 50 | 0 | 0 | 3 | 0 |
| | MOBILE | 80 | 59 | 86 | 54 | 69 | 0 | 2.48 | 1.15 | 2.40 | 13.58 | 123 | 20.64 | 97 | 86 | 42 | 0 | 0 | 2 | 1 |
| | MONTGOMERY | 77 | 55 | 83 | 47 | 66 | -2 | 1.42 | 0.58 | 0.86 | 9.61 | 105 | 17.90 | 96 | 88 | 46 | 0 | 0 | 3 | 2 |
| AR | FORT SMITH | 65 | 50 | 71 | 41 | 58 | -7 | 2.08 | 0.80 | 0.85 | 9.67 | 112 | 15.54 | 109 | 90 | 49 | 0 | 0 | 5 | 2 |
| | LITTLE ROCK | 65 | 51 | 70 | 41 | 58 | -6 | 3.56 | 2.16 | 1.60 | 18.16 | 175 | 31.79 | 178 | 89 | 54 | 0 | 0 | 6 | 3 |
| AZ | FLAGSTAFF | 68 | 31 | 77 | 27 | 49 | 4 | 0.01 | -0.16 | 0.01 | 7.26 | 264 | 16.11 | 231 | 63 | 13 | 0 | 5 | 1 | 0 |
| | PHOENIX | 95 | 67 | 99 | 63 | 81 | 5 | 0.00 | -0.02 | 0.00 | 1.44 | 136 | 2.81 | 100 | 33 | 8 | 7 | 0 | 0 | 0 |
| | PRESCOTT | 77 | 43 | 84 | 39 | 60 | 5 | 0.00 | -0.09 | 0.00 | 2.06 | 144 | 5.47 | 140 | 47 | 12 | 0 | 0 | 0 | 0 |
| CA | TUCSON | 92 | 59 | 98 | 55 | 75 | 5 | 0.00 | -0.02 | 0.00 | 0.66 | 82 | 2.96 | 119 | 29 | 8 | 6 | 0 | 0 | 0 |
| | BAKERSFIELD | 88 | 60 | 96 | 55 | 74 | 8 | 0.00 | -0.09 | 0.00 | 2.30 | 132 | 6.68 | 162 | 65 | 24 | 3 | 0 | 0 | 0 |
| | EUREKA | 55 | 45 | 59 | 40 | 50 | -1 | 0.07 | -0.55 | 0.07 | 9.78 | 105 | 19.64 | 90 | 95 | 87 | 0 | 0 | 1 | 0 |
| | FRESNO | 89 | 61 | 96 | 54 | 75 | 10 | 0.00 | -0.17 | 0.00 | 4.09 | 139 | 12.11 | 172 | 70 | 24 | 4 | 0 | 0 | 0 |
| | LOS ANGELES | 65 | 55 | 68 | 54 | 60 | -2 | 0.00 | -0.09 | 0.00 | 7.44 | 320 | 18.78 | 229 | 95 | 69 | 0 | 0 | 0 | 0 |
| | REDDING | 89 | 55 | 96 | 47 | 72 | 10 | 0.00 | -0.42 | 0.00 | 12.22 | 175 | 25.31 | 136 | 71 | 16 | 4 | 0 | 0 | 0 |
| | SACRAMENTO | 85 | 53 | 90 | 49 | 69 | 8 | 0.00 | -0.19 | 0.00 | 5.25 | 133 | 13.04 | 117 | 81 | 25 | 1 | 0 | 0 | 0 |
| | SAN DIEGO | 66 | 59 | 68 | 58 | 63 | -1 | 0.00 | -0.10 | 0.00 | 4.04 | 191 | 10.94 | 174 | 84 | 64 | 0 | 0 | 0 | 0 |
| | SAN FRANCISCO | 69 | 50 | 79 | 48 | 60 | 1 | 0.00 | -0.19 | 0.00 | 6.66 | 163 | 19.18 | 160 | 90 | 50 | 0 | 0 | 0 | 0 |
| CO | STOCKTON | 86 | 52 | 91 | 49 | 69 | 6 | 0.00 | -0.17 | 0.00 | 5.34 | 178 | 12.94 | 158 | 80 | 27 | 2 | 0 | 0 | 0 |
| | ALAMOSA | 63 | 24 | 73 | 17 | 44 | -2 | 0.11 | -0.04 | 0.11 | 0.44 | 41 | 1.11 | 66 | 92 | 19 | 0 | 7 | 1 | 0 |
| | CO SPRINGS | 59 | 33 | 72 | 27 | 46 | -4 | 0.91 | 0.48 | 0.56 | 1.54 | 70 | 2.43 | 86 | 81 | 30 | 0 | 2 | 2 | 1 |
| | DENVER INTL | 63 | 36 | 73 | 25 | 49 | 0 | 0.43 | -0.06 | 0.20 | 1.23 | 50 | 2.70 | 83 | 84 | 25 | 0 | 1 | 3 | 0 |
| | GRAND JUNCTION | 65 | 38 | 74 | 34 | 52 | -3 | 0.12 | -0.11 | 0.06 | 2.45 | 140 | 3.83 | 132 | 74 | 25 | 0 | 0 | 2 | 0 |
| | PUEBLO | 64 | 35 | 77 | 30 | 50 | -4 | 2.11 | 1.69 | 1.23 | 2.42 | 103 | 3.04 | 102 | 88 | 34 | 0 | 3 | 3 | 2 |
| | BRIDGEPORT | 56 | 44 | 64 | 39 | 50 | -4 | 3.22 | 2.26 | 2.03 | 7.18 | 88 | 13.39 | 92 | 91 | 61 | 0 | 0 | 4 | 2 |
| CT | HARTFORD | 60 | 40 | 64 | 34 | 50 | -4 | 3.68 | 2.74 | 3.06 | 8.54 | 113 | 16.08 | 115 | 94 | 47 | 0 | 0 | 3 | 1 |
| | WASHINGTON | 65 | 49 | 72 | 44 | 57 | -5 | 1.57 | 0.76 | 1.53 | 4.55 | 69 | 8.22 | 68 | 81 | 48 | 0 | 0 | 3 | 1 |
| DE | WILMINGTON | 63 | 46 | 69 | 38 | 54 | -3 | 1.92 | 1.09 | 1.50 | 5.92 | 78 | 9.96 | 73 | 83 | 50 | 0 | 0 | 4 | 1 |
| FL | DAYTONA BEACH | 83 | 66 | 88 | 65 | 75 | 3 | 1.27 | 0.81 | 0.84 | 6.30 | 108 | 8.25 | 75 | 91 | 56 | 0 | 0 | 4 | 1 |
| | JACKSONVILLE | 82 | 61 | 88 | 54 | 72 | 1 | 0.46 | -0.13 | 0.39 | 5.06 | 82 | 8.37 | 68 | 96 | 51 | 0 | 0 | 2 | 0 |
| | KEY WEST | 85 | 76 | 88 | 71 | 81 | 1 | 1.00 | 0.44 | 0.90 | 1.92 | 54 | 2.01 | 29 | 88 | 67 | 0 | 0 | 2 | 1 |
| | MIAMI | 87 | 73 | 91 | 69 | 80 | 2 | 1.28 | 0.41 | 0.98 | 12.64 | 221 | 16.27 | 168 | 89 | 57 | 1 | 0 | 3 | 1 |
| | ORLANDO | 87 | 67 | 91 | 65 | 77 | 3 | 2.21 | 1.61 | 1.84 | 3.26 | 59 | 4.80 | 47 | 94 | 50 | 1 | 0 | 3 | 1 |
| | PENSACOLA | 79 | 63 | 84 | 55 | 71 | 0 | 3.36 | 2.15 | 3.24 | 9.36 | 88 | 15.72 | 77 | 82 | 54 | 0 | 0 | 2 | 1 |
| | TALLAHASSEE | 82 | 60 | 88 | 47 | 71 | 1 | 1.16 | 0.43 | 0.65 | 6.43 | 74 | 16.99 | 97 | 90 | 48 | 0 | 0 | 4 | 1 |
| | TAMPA | 86 | 69 | 89 | 68 | 78 | 2 | 0.49 | -0.11 | 0.43 | 1.12 | 22 | 3.11 | 30 | 92 | 54 | 0 | 0 | 2 | 0 |
| | WEST PALM BEACH | 87 | 70 | 89 | 67 | 78 | 2 | 2.50 | 1.65 | 1.51 | 10.22 | 148 | 11.54 | 88 | 94 | 58 | 0 | 0 | 4 | 2 |
| | ATHENS | 70 | 50 | 80 | 43 | 60 | -5 | 1.38 | 0.57 | 1.24 | 9.10 | 116 | 21.11 | 127 | 89 | 50 | 0 | 0 | 3 | 1 |
| GA | ATLANTA | 70 | 54 | 79 | 47 | 62 | -4 | 0.59 | -0.29 | 0.39 | 8.54 | 101 | 18.02 | 102 | 81 | 47 | 0 | 0 | 2 | 0 |
| | AUGUSTA | 76 | 53 | 81 | 41 | 65 | -3 | 2.33 | 1.73 | 1.36 | 10.22 | 147 | 21.99 | 152 | 96 | 45 | 0 | 0 | 3 | 2 |
| | COLUMBUS | 76 | 55 | 82 | 47 | 65 | -3 | 0.30 | -0.59 | 0.10 | 6.99 | 79 | 15.61 | 89 | 89 | 46 | 0 | 0 | 3 | 0 |
| | MACON | 78 | 53 | 83 | 43 | 65 | -2 | 0.60 | -0.12 | 0.31 | 8.06 | 102 | 19.04 | 116 | 96 | 48 | 0 | 0 | 2 | 0 |
| | SAVANNAH | 80 | 60 | 85 | 49 | 70 | 1 | 1.44 | 0.71 | 0.68 | 5.89 | 86 | 13.08 | 101 | 88 | 43 | 0 | 0 | 4 | 1 |
| HI | HILO | 83 | 67 | 85 | 65 | 75 | 2 | 0.57 | -1.36 | 0.55 | 16.36 | 74 | 54.91 | 137 | 92 | 56 | 0 | 0 | 2 | 1 |
| | HONOLULU | 83 | 72 | 87 | 71 | 78 | 1 | 0.11 | -0.02 | 0.06 | 4.87 | 157 | 8.41 | 122 | 90 | 62 | 0 | 0 | 4 | 0 |
| | KAHULUI | 84 | 68 | 86 | 63 | 76 | 0 | 0.39 | 0.13 | 0.12 | 2.78 | 70 | 8.57 | 102 | 90 | 55 | 0 | 0 | 4 | 0 |
| | LIHUE | 79 | 68 | 81 | 66 | 73 | -2 | 1.31 | 0.91 | 0.69 | 10.85 | 143 | 24.43 | 174 | 96 | 69 | 0 | 0 | 4 | 1 |
| IA | BURLINGTON | 61 | 37 | 72 | 28 | 49 | -7 | 0.27 | -0.81 | 0.18 | 4.04 | 65 | 8.02 | 85 | 83 | 35 | 0 | 2 | 3 | 0 |
| | CEDAR RAPIDS | 60 | 33 | 72 | 26 | 47 | -6 | 0.00 | -0.94 | 0.00 | 1.84 | 34 | 4.93 | 65 | 84 | 32 | 0 | 3 | 0 | 0 |
| | DES MOINES | 63 | 39 | 71 | 29 | 51 | -4 | 0.07 | -1.07 | 0.06 | 3.87 | 64 | 7.48 | 88 | 74 | 33 | 0 | 1 | 2 | 0 |
| | DUBUQUE | 57 | 33 | 71 | 26 | 45 | -6 | 0.09 | -0.93 | 0.09 | 3.37 | 54 | 8.51 | 94 | 84 | 38 | 0 | 3 | 1 | 0 |
| | SIOUX CITY | 63 | 33 | 71 | 21 | 48 | -5 | 0.41 | -0.39 | 0.39 | 2.37 | 49 | 5.10 | 80 | 82 | 35 | 0 | 2 | 2 | 0 |
| ID | WATERLOO | 62 | 33 | 75 | 23 | 47 | -6 | 0.03 | -1.02 | 0.03 | 2.90 | 49 | 7.11 | 88 | 78 | 30 | 0 | 4 | 1 | 0 |
| | BOISE | 71 | 43 | 86 | 37 | 57 | 3 | 0.06 | -0.21 | 0.06 | 2.80 | 110 | 3.87 | 78 | 67 | 24 | 0 | 0 | 1 | 0 |
| | LEWISTON | 73 | 46 | 89 | 39 | 59 | 5 | 0.07 | -0.26 | 0.06 | 2.00 | 74 | 2.72 | 56 | 70 | 30 | 0 | 0 | 2 | 0 |
| IL | POCATELLO | 67 | 32 | 80 | 25 | 49 | 1 | 0.00 | -0.30 | 0.00 | 2.35 | 99 | 4.22 | 95 | 74 | 25 | 0 | 4 | 0 | 0 |
| | CHICAGO/O_HARE | 55 | 37 | 67 | 31 | 46 | -8 | 0.33 | -0.66 | 0.16 | 5.59 | 92 | 11.88 | 118 | 80 | 39 | 0 | 1 | 3 | 0 |
| | MOLINE | 63 | 34 | 74 | 27 | 49 | -7 | 0.00 | -1.03 | 0.00 | 3.67 | 58 | 9.30 | 95 | 80 | 30 | 0 | 3 | 0 | 0 |
| IN | PEORIA | 62 | 37 | 73 | 30 | 49 | -7 | 0.14 | -0.90 | 0.08 | 6.25 | 95 | 11.10 | 104 | 81 | 31 | 0 | 2 | 2 | 0 |
| | ROCKFORD | 56 | 32 | 68 | 25 | 44 | -9 | 0.19 | -0.74 | 0.12 | 5.79 | 96 | 11.43 | 123 | 86 | 37 | 0 | 3 | 3 | 0 |
| | SPRINGFIELD | 64 | 38 | 74 | 30 | 51 | -7 | 0.32 | -0.75 | 0.32 | 5.48 | 83 | 9.05 | 85 | 82 | 40 | 0 | 2 | 1 | 0 |
| | EVANSVILLE | 65 | 42 | 70 | 32 | 53 | -8 | 0.28 | -1.11 | 0.28 | 10.94 | 114 | 19.23 | 119 | 90 | 38 | 0 | 1 | 1 | 0</ |

Weather Data for the Week Ending April 29, 2023

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | | |
|---------------------------|---------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|--------------------|---------------------------------|--------------|----------------|---------------------|---------------------|--|--|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN., SINCE MAR 1 | PCT. NORMAL SINCE MAR 1 | TOTAL IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMP. °F | | PRECIP. | | | |
| | | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE | | |
| KY | WICHITA | 62 | 42 | 79 | 32 | 52 | -7 | 0.41 | -0.52 | 0.15 | 0.70 | 13 | 3.17 | 43 | 88 | 47 | 0 | 1 | 3 | 0 | | |
| | LEXINGTON | 64 | 41 | 71 | 31 | 52 | -7 | 0.48 | -0.65 | 0.35 | 6.70 | 76 | 16.63 | 105 | 85 | 43 | 0 | 1 | 3 | 0 | | |
| | LOUISVILLE | 64 | 44 | 71 | 36 | 54 | -8 | 1.25 | 0.01 | 1.25 | 9.27 | 100 | 17.01 | 106 | 82 | 40 | 0 | 0 | 1 | 1 | | |
| LA | PADUCAH | 66 | 45 | 73 | 35 | 55 | -7 | 0.38 | -0.96 | 0.29 | 12.56 | 130 | 23.52 | 135 | 92 | 38 | 0 | 0 | 2 | 0 | | |
| | BATON ROUGE | 80 | 58 | 85 | 52 | 69 | -1 | 0.57 | -0.60 | 0.41 | 11.36 | 121 | 24.98 | 123 | 86 | 46 | 0 | 0 | 2 | 0 | | |
| | LAKE CHARLES | 75 | 56 | 80 | 54 | 66 | -5 | 0.90 | -0.19 | 0.90 | 12.01 | 151 | 19.28 | 112 | 90 | 54 | 0 | 0 | 1 | 1 | | |
| MA | NEW ORLEANS | 79 | 64 | 85 | 60 | 72 | -1 | 0.61 | -0.70 | 0.54 | 5.29 | 56 | 10.88 | 58 | 85 | 46 | 0 | 0 | 2 | 1 | | |
| | SHREVEPORT | 70 | 54 | 79 | 52 | 62 | -6 | 0.00 | -1.16 | 0.00 | 0.00 | 0 | 0.00 | 0 | 84 | 50 | 0 | 0 | 0 | 0 | | |
| | BOSTON | 55 | 46 | 57 | 44 | 50 | -2 | 0.67 | -0.11 | 0.36 | 5.44 | 70 | 11.93 | 83 | 91 | 68 | 0 | 0 | 3 | 0 | | |
| MD | WORCESTER | 56 | 42 | 60 | 40 | 49 | -2 | 2.28 | 1.36 | 1.83 | 7.56 | 92 | 15.33 | 102 | 92 | 51 | 0 | 0 | 2 | 1 | | |
| | BALTIMORE | 64 | 46 | 69 | 37 | 55 | -4 | 1.89 | 1.07 | 1.83 | 5.22 | 71 | 9.01 | 67 | 88 | 49 | 0 | 0 | 3 | 1 | | |
| | CARIBOU | 60 | 36 | 67 | 31 | 48 | 4 | 0.00 | -0.71 | 0.00 | 3.08 | 54 | 9.71 | 88 | 89 | 39 | 0 | 1 | 0 | 0 | | |
| ME | PORTLAND | 50 | 38 | 61 | 33 | 44 | -4 | 1.96 | 0.92 | 1.19 | 5.50 | 65 | 14.76 | 95 | 99 | 71 | 0 | 0 | 5 | 2 | | |
| | ALPENA | 49 | 34 | 57 | 27 | 41 | -4 | 0.77 | 0.08 | 0.51 | 6.69 | 144 | 11.05 | 138 | 96 | 59 | 0 | 2 | 3 | 1 | | |
| | GRAND RAPIDS | 55 | 34 | 64 | 29 | 44 | -7 | 0.26 | -0.69 | 0.14 | 7.96 | 127 | 14.02 | 128 | 86 | 41 | 0 | 4 | 2 | 0 | | |
| MI | HOUGHTON LAKE | 44 | 29 | 47 | 26 | 36 | -10 | 0.00 | -0.62 | 0.00 | 5.57 | 119 | 9.26 | 119 | 90 | 49 | 0 | 3 | 0 | 0 | | |
| | LANSING | 54 | 34 | 66 | 30 | 44 | -7 | 0.49 | -0.30 | 0.21 | 8.29 | 157 | 13.29 | 146 | 87 | 42 | 0 | 4 | 3 | 0 | | |
| | MUSKEGON | 55 | 36 | 65 | 28 | 45 | -5 | 0.18 | -0.65 | 0.14 | 6.51 | 113 | 12.29 | 119 | 81 | 41 | 0 | 2 | 2 | 0 | | |
| MN | TRAVERSE CITY | 52 | 32 | 64 | 27 | 42 | -5 | 0.14 | -0.53 | 0.11 | 4.40 | 103 | 6.87 | 98 | 90 | 45 | 0 | 4 | 2 | 0 | | |
| | DULUTH | 44 | 29 | 55 | 19 | 37 | -8 | 0.45 | -0.20 | 0.23 | 5.98 | 153 | 10.69 | 182 | 89 | 49 | 0 | 4 | 4 | 0 | | |
| | INT_L FALLS | 47 | 26 | 55 | 11 | 37 | -6 | 0.28 | -0.15 | 0.19 | 5.65 | 218 | 6.42 | 157 | 91 | 41 | 0 | 4 | 3 | 0 | | |
| MO | MINNEAPOLIS | 53 | 37 | 62 | 29 | 45 | -7 | 0.25 | -0.50 | 0.23 | 5.02 | 112 | 9.58 | 153 | 79 | 41 | 0 | 3 | 2 | 0 | | |
| | ROCHESTER | 56 | 33 | 70 | 28 | 44 | -5 | 0.23 | -0.65 | 0.23 | 6.08 | 112 | 10.75 | 144 | 85 | 41 | 0 | 4 | 1 | 0 | | |
| | ST. CLOUD | 53 | 33 | 60 | 26 | 43 | -5 | 0.66 | -0.05 | 0.48 | 6.63 | 162 | 9.99 | 181 | 91 | 41 | 0 | 4 | 3 | 0 | | |
| MS | COLUMBIA | 67 | 42 | 71 | 33 | 54 | -5 | 0.01 | -1.33 | 0.01 | 3.20 | 41 | 7.25 | 60 | 78 | 32 | 0 | 0 | 1 | 0 | | |
| | KANSAS CITY | 66 | 43 | 74 | 31 | 54 | -3 | 0.03 | -1.15 | 0.03 | 5.43 | 86 | 10.02 | 112 | 82 | 37 | 0 | 1 | 1 | 0 | | |
| | SAINT LOUIS | 67 | 45 | 73 | 36 | 56 | -5 | 0.06 | -1.14 | 0.04 | 7.09 | 88 | 11.19 | 87 | 71 | 30 | 0 | 0 | 2 | 0 | | |
| MT | SPRINGFIELD | 64 | 42 | 69 | 29 | 53 | -7 | 0.36 | -0.98 | 0.36 | 8.45 | 105 | 13.91 | 107 | 85 | 37 | 0 | 1 | 1 | 0 | | |
| | JACKSON | 75 | 55 | 80 | 50 | 65 | -2 | 0.97 | -0.22 | 0.52 | 13.50 | 118 | 25.37 | 115 | 86 | 45 | 0 | 0 | 3 | 1 | | |
| | MERIDIAN | 76 | 52 | 82 | 45 | 64 | -3 | 1.54 | 0.28 | 0.80 | 11.20 | 101 | 27.31 | 124 | 94 | 46 | 0 | 0 | 3 | 2 | | |
| NC | TUPELO | 68 | 50 | 75 | 41 | 59 | -7 | 1.64 | 0.35 | 0.70 | 15.76 | 147 | 25.00 | 120 | 84 | 50 | 0 | 0 | 4 | 1 | | |
| | BILLINGS | 65 | 36 | 69 | 29 | 50 | 2 | 0.07 | -0.33 | 0.07 | 2.19 | 85 | 3.30 | 89 | 72 | 26 | 0 | 2 | 1 | 0 | | |
| | BUTTE | 59 | 28 | 73 | 22 | 44 | 3 | 0.73 | 0.41 | 0.57 | 2.15 | 111 | 2.75 | 99 | 89 | 31 | 0 | 5 | 2 | 1 | | |
| ND | CUT BANK | 62 | 32 | 70 | 26 | 47 | 4 | 0.14 | -0.11 | 0.13 | 0.74 | 58 | 1.01 | 58 | 85 | 27 | 0 | 5 | 2 | 0 | | |
| | GLASGOW | 63 | 36 | 72 | 25 | 50 | 1 | 0.04 | -0.27 | 0.04 | 1.75 | 122 | 3.59 | 162 | 74 | 27 | 0 | 1 | 1 | 0 | | |
| | GREAT FALLS | 62 | 34 | 71 | 27 | 48 | 3 | 0.12 | -0.30 | 0.12 | 3.61 | 154 | 5.26 | 150 | 86 | 33 | 0 | 1 | 1 | 0 | | |
| NE | HAVRE | 66 | 34 | 73 | 27 | 50 | 3 | 0.00 | -0.28 | 0.00 | 0.91 | 61 | 1.75 | 76 | 83 | 26 | 0 | 2 | 0 | 0 | | |
| | MISSOULA | 66 | 35 | 81 | 28 | 51 | 4 | 0.09 | -0.21 | 0.09 | 1.21 | 53 | 2.68 | 65 | 81 | 28 | 0 | 3 | 1 | 0 | | |
| | ASHEVILLE | 64 | 45 | 74 | 36 | 54 | -6 | 1.67 | 0.65 | 1.35 | 7.38 | 94 | 15.06 | 97 | 86 | 53 | 0 | 0 | 4 | 1 | | |
| OH | CHARLOTTE | 68 | 53 | 77 | 44 | 61 | -3 | 2.91 | 2.00 | 1.94 | 8.20 | 106 | 16.87 | 118 | 87 | 52 | 0 | 0 | 4 | 2 | | |
| | GREENSBORO | 66 | 47 | 72 | 42 | 57 | -6 | 2.30 | 1.41 | 1.37 | 9.48 | 128 | 16.80 | 123 | 90 | 51 | 0 | 0 | 2 | 2 | | |
| | HATTERAS | 70 | 59 | 74 | 52 | 64 | 0 | 0.52 | -0.42 | 0.46 | 5.43 | 66 | 11.06 | 63 | 96 | 62 | 0 | 0 | 2 | 0 | | |
| OR | RALEIGH | 72 | 51 | 79 | 43 | 61 | -3 | 0.61 | -0.20 | 0.33 | 10.21 | 135 | 15.78 | 115 | 91 | 51 | 0 | 0 | 3 | 0 | | |
| | WILMINGTON | 77 | 58 | 86 | 51 | 67 | 1 | 1.95 | 1.20 | 1.50 | 8.46 | 122 | 13.88 | 97 | 89 | 46 | 0 | 0 | 4 | 1 | | |
| | BISMARCK | 57 | 31 | 66 | 22 | 44 | -3 | 0.15 | -0.24 | 0.13 | 2.29 | 108 | 3.24 | 103 | 83 | 33 | 0 | 4 | 2 | 0 | | |
| PA | DICKINSON | 58 | 29 | 65 | 18 | 44 | -1 | 0.07 | -0.31 | 0.07 | 0.26 | 13 | 0.36 | 14 | 86 | 28 | 0 | 3 | 1 | 0 | | |
| | FARGO | 53 | 30 | 63 | 25 | 42 | -6 | 0.04 | -0.40 | 0.02 | 3.33 | 122 | 3.98 | 96 | 89 | 45 | 0 | 5 | 3 | 0 | | |
| | GRAND FORKS | 50 | 29 | 56 | 24 | 40 | -6 | 0.13 | -0.24 | 0.07 | 2.57 | 124 | 3.01 | 98 | 89 | 49 | 0 | 5 | 3 | 0 | | |
| RI | JAMESTOWN | 51 | 30 | 58 | 23 | 40 | -6 | 0.19 | -0.25 | 0.12 | 0.79 | 42 | 1.01 | 39 | 91 | 49 | 0 | 4 | 3 | 0 | | |
| | GRAND ISLAND | 67 | 33 | 73 | 21 | 50 | -4 | 0.12 | -0.58 | 0.10 | 0.85 | 22 | 2.75 | 53 | 80 | 26 | 0 | 3 | 2 | 0 | | |
| | LINCOLN | 67 | 33 | 74 | 21 | 50 | -5 | 0.18 | -0.65 | 0.18 | 1.20 | 29 | 3.41 | 59 | 80 | 34 | 0 | 2 | 1 | 0 | | |
| SD | NORFOLK | 65 | 33 | 72 | 22 | 49 | -3 | 0.09 | -0.65 | 0.08 | 0.98 | 24 | 3.32 | 60 | 76 | 28 | 0 | 3 | 2 | 0 | | |
| | NORTH PLATTE | 65 | 29 | 73 | 16 | 47 | -4 | 0.01 | -0.62 | 0.01 | 0.46 | 14 | 2.39 | 57 | 83 | 31 | 0 | 5 | 1 | 0 | | |
| | OMAHA | 64 | 38 | 70 | 26 | 51 | -5 | 0.03 | -0.87 | 0.03 | 4.09 | 84 | 7.08 | 108 | 77 | 39 | 0 | 1 | 1 | 0 | | |
| TN | SCOTTSBLUFF | 66 | 35 | 74 | 21 | 51 | 1 | 0.22 | -0.29 | 0.22 | 0.96 | 33 | 2.76 | 72 | 79 | 47 | 0 | 2 | 1 | 0 | | |
| | VALENTINE | 62 | 33 | 69 | 27 | 48 | -3 | 0.26 | -0.42 | 0.26 | 1.46 | 42 | 5.04 | 116 | 81 | 30 | 0 | 3 | 1 | 0 | | |
| | CONCORD | 58 | 39 | 66 | 32 | 48 | -1 | 0.34 | -0.46 | 0.19 | 4.82 | 73 | 11.90 | 98 | 99 | 47 | 0 | 1 | 4 | 0 | | |
| TX | ATLANTIC_CITY | 63 | 44 | 71 | 33 | 53 | -3 | 2.94 | 2.19 | 1.39 | 6.59 | 85 | 12.06 | 84 | 90 | 49 | 0 | 0 | 4 | 2 | | |
| | NEWARK | 61 | 47 | 72 | 42 | 55 | -3 | 4.32 | 3.38 | 2.88 | 9.04 | 114 | 14.65 | 102 | 81 | 46 | 0 | 0 | 3 | 3 | | |
| | ALBUQUERQUE | 71 | 43 | 77 | 36 | 57 | -2 | 0.00 | -0.10 | 0.00 | 0.52 | 55 | 1.14 | 65 | 57 | 15 | 0 | 0 | 0 | 0 | | |
| UT | ELY | 66 | 30 | 78 | 24 | 48 | 3 | 0.04 | -0.20 | 0.04 | 2.27 | 112 | 5.13 | 142 | 75 | 18 | 0 | 5 | 1 | 0 | | |
| | LAS VEGAS | 87 | 64 | 95 | 60 | 76 | 5 | 0.00 | -0.04 | 0.00 | 0.50 | 81 | 1.45 | 73 | 24 | 8 | 3 | 0 | 0 | 0 | | |
| | RENO | 77 | 46 | 85 | 41 | 62 | 8 | 0.00 | -0.11 | 0.00 | 2.12 | 172 | 5.70 | 162 | 51 | 12 | 0 | 0 | 0 | 0 | | |
| VA | WINNEMUCCA | 73 | 35 | 86 | 26 | 54 | 4 | 0.04 | -0.20 | 0.04 | 2.48 | 135 | 3.50 | 123 | 72 | 16 | 0 | 3 | 1 | 0 | | |
| | ALBANY | 59 | 38 | 66 | 30 | 49 | -4 | 1.45 | 0.72 | 1.17 | 7.52 | 123 | 12.63 | 115 | 91 | 42 | 0 | 1 | 4 | 1 | | |
| | BINGHAMTON | 53 | 36 | 58 | 33 | 44 | -5 | 0.68 | -0.18 | 0.24 | 4.73 | 72 | 9.91 | 85 | 92 | 50 | 0 | 0 | 4 | 0 | | |
| WY | BUFFALO | 54 | 39 | 62 | 33 | 46 | -4 | 0.75 | -0.02 | 0.20 | 7.76 | 126 | 14.17 | 118 | 89 | 53 | 0 | 0 | 5 | 0 | | |
| | ROCHESTER | 54 | 37 | 62 | 31 | 46 | -6 | 0.52 | -0.17 | 0.19 | | | | | | | | | | | | |

Weather Data for the Week Ending April 29, 2023

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | |
|---------------------------|----------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|--------------------|---------------------------------|--------------|----------------|---------------------|---------------------|--|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN., SINCE MAR 1 | PCT. NORMAL SINCE MAR 1 | TOTAL IN., SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMP. °F | | PRECIP. | | |
| | | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE | |
| OK | TOLEDO | 55 | 36 | 67 | 30 | 46 | -10 | 1.19 | 0.37 | 0.66 | 4.78 | 80 | 12.16 | 114 | 92 | 47 | 0 | 4 | 4 | 1 | |
| | YOUNGSTOWN | 54 | 36 | 63 | 28 | 45 | -8 | 0.61 | -0.24 | 0.53 | 7.10 | 103 | 13.95 | 112 | 91 | 48 | 0 | 4 | 4 | 1 | |
| | OKLAHOMA CITY | 60 | 44 | 69 | 37 | 52 | -10 | 2.45 | 1.36 | 1.41 | 5.98 | 99 | 8.35 | 95 | 93 | 59 | 0 | 0 | 4 | 2 | |
| OR | TULSA | 63 | 46 | 71 | 35 | 55 | -9 | 2.58 | 1.31 | 1.67 | 6.31 | 86 | 10.94 | 103 | 94 | 55 | 0 | 0 | 5 | 1 | |
| | ASTORIA | 62 | 46 | 84 | 42 | 54 | 4 | 0.28 | -0.85 | 0.25 | 16.08 | 118 | 27.33 | 87 | 95 | 59 | 0 | 0 | 2 | 0 | |
| | BURNS | 69 | 36 | 84 | 30 | 53 | 6 | 0.05 | -0.15 | 0.05 | 3.98 | 211 | 6.06 | 146 | 82 | 24 | 0 | 2 | 1 | 0 | |
| | EUGENE | 72 | 46 | 87 | 38 | 59 | 7 | 0.08 | -0.52 | 0.04 | 9.04 | 114 | 13.78 | 74 | 91 | 44 | 0 | 0 | 2 | 0 | |
| | MEDFORD | 82 | 48 | 94 | 39 | 65 | 9 | 0.01 | -0.29 | 0.01 | 2.70 | 82 | 4.23 | 53 | 78 | 20 | 1 | 0 | 1 | 0 | |
| | PENDLETON | 72 | 45 | 83 | 37 | 58 | 6 | 0.27 | 0.00 | 0.27 | 2.53 | 101 | 3.85 | 73 | 77 | 34 | 0 | 0 | 1 | 0 | |
| PA | PORTLAND | 73 | 50 | 87 | 43 | 62 | 7 | 0.35 | -0.22 | 0.35 | 9.22 | 136 | 14.99 | 96 | 80 | 37 | 0 | 0 | 1 | 0 | |
| | SALEM | 72 | 47 | 91 | 37 | 59 | 6 | 0.07 | -0.51 | 0.04 | 10.21 | 138 | 16.36 | 90 | 87 | 40 | 1 | 0 | 2 | 0 | |
| | ALLENTOWN | 59 | 39 | 64 | 34 | 49 | -7 | 0.79 | -0.08 | 0.46 | 6.37 | 88 | 11.41 | 86 | 89 | 48 | 0 | 0 | 4 | 0 | |
| | ERIE | 51 | 38 | 59 | 31 | 44 | -7 | 0.50 | -0.28 | 0.17 | 7.44 | 115 | 16.13 | 130 | 91 | 60 | 0 | 2 | 4 | 0 | |
| | MIDDLETOWN | 60 | 44 | 65 | 38 | 52 | -5 | 1.20 | 0.34 | 1.05 | 5.88 | 82 | 9.34 | 73 | 85 | 50 | 0 | 0 | 3 | 1 | |
| | PHILADELPHIA | 61 | 46 | 68 | 42 | 54 | -5 | 2.15 | 1.34 | 1.61 | 5.61 | 76 | 10.25 | 77 | 88 | 50 | 0 | 0 | 4 | 1 | |
| | PITTSBURGH | 55 | 37 | 65 | 29 | 46 | -9 | 0.77 | -0.01 | 0.76 | 4.51 | 71 | 9.48 | 79 | 86 | 44 | 0 | 2 | 2 | 1 | |
| | WILKES-BARRE | 58 | 40 | 63 | 33 | 49 | -6 | 0.38 | -0.39 | 0.16 | 3.42 | 57 | 7.16 | 67 | 90 | 46 | 0 | 0 | 6 | 0 | |
| | WILLIAMSPORT | 58 | 40 | 65 | 33 | 49 | -6 | 0.92 | 0.06 | 0.44 | 3.50 | 52 | 6.87 | 57 | 91 | 50 | 0 | 0 | 3 | 0 | |
| RI | PROVIDENCE | 57 | 42 | 61 | 40 | 50 | -3 | 2.23 | 1.31 | 1.33 | 7.91 | 87 | 16.06 | 97 | 99 | 56 | 0 | 0 | 3 | 2 | |
| | CHARLESTON | 80 | 60 | 86 | 52 | 70 | 1 | 0.43 | -0.31 | 0.24 | 3.52 | 53 | 10.97 | 84 | 87 | 40 | 0 | 0 | 3 | 0 | |
| | COLUMBIA | 76 | 55 | 83 | 43 | 66 | -1 | 1.65 | 0.99 | 0.78 | 9.27 | 146 | 18.50 | 140 | 93 | 42 | 0 | 0 | 4 | 2 | |
| SD | FLORENCE | 76 | 55 | 84 | 45 | 65 | -2 | 0.63 | -0.07 | 0.45 | 7.91 | 129 | 15.96 | 131 | 94 | 41 | 0 | 0 | 4 | 0 | |
| | GREENVILLE | 67 | 48 | 77 | 39 | 58 | -6 | 5.23 | 4.25 | 4.60 | 13.85 | 164 | 24.44 | 149 | 88 | 51 | 0 | 0 | 5 | 1 | |
| | ABERDEEN | 59 | 31 | 72 | 22 | 45 | -4 | 0.17 | -0.45 | 0.08 | 2.79 | 102 | 3.89 | 100 | 92 | 37 | 0 | 3 | 4 | 0 | |
| | HURON | 62 | 33 | 73 | 22 | 47 | -3 | 0.05 | -0.65 | 0.05 | 1.36 | 38 | 2.26 | 46 | 90 | 29 | 0 | 3 | 1 | 0 | |
| | RAPID CITY | 62 | 31 | 69 | 21 | 46 | 0 | 0.00 | -0.58 | 0.00 | 3.65 | 125 | 4.89 | 131 | 81 | 33 | 0 | 4 | 0 | 0 | |
| | SIOUX FALLS | 61 | 34 | 70 | 24 | 48 | -4 | 0.04 | -0.72 | 0.02 | 2.01 | 44 | 5.34 | 90 | 77 | 31 | 0 | 3 | 2 | 0 | |
| TN | BRISTOL | 66 | 42 | 74 | 33 | 54 | -6 | 0.78 | -0.09 | 0.55 | 6.15 | 80 | 15.22 | 100 | 91 | 40 | 0 | 0 | 3 | 1 | |
| | CHATTANOOGA | 67 | 50 | 78 | 44 | 58 | -6 | 1.76 | 0.59 | 0.91 | 9.77 | 97 | 19.41 | 96 | 83 | 46 | 0 | 0 | 3 | 2 | |
| | KNOXVILLE | 65 | 46 | 74 | 37 | 55 | -8 | 0.75 | -0.35 | 0.35 | 8.68 | 91 | 18.41 | 96 | 88 | 49 | 0 | 0 | 3 | 0 | |
| TX | MEMPHIS | 66 | 50 | 72 | 40 | 58 | -8 | 0.38 | -1.07 | 0.26 | 14.63 | 128 | 27.08 | 134 | 93 | 52 | 0 | 0 | 4 | 0 | |
| | NASHVILLE | 68 | 46 | 73 | 36 | 57 | -7 | 0.26 | -0.97 | 0.20 | 6.39 | 70 | 12.97 | 73 | 84 | 42 | 0 | 0 | 2 | 0 | |
| | ABILENE | 71 | 50 | 81 | 42 | 60 | -8 | 1.02 | 0.48 | 1.02 | 2.39 | 69 | 4.41 | 75 | 86 | 45 | 0 | 0 | 1 | 1 | |
| | AMARILLO | 63 | 40 | 76 | 33 | 51 | -8 | 0.53 | 0.13 | 0.31 | 1.26 | 47 | 1.76 | 45 | 89 | 43 | 0 | 0 | 4 | 0 | |
| | AUSTIN | 78 | 58 | 86 | 52 | 68 | -4 | 1.40 | 0.75 | 0.82 | 4.80 | 92 | 7.78 | 80 | 95 | 50 | 0 | 0 | 4 | 2 | |
| | BEAUMONT | 76 | 59 | 82 | 54 | 67 | -4 | 1.02 | 0.09 | 1.01 | 7.79 | 105 | 14.19 | 89 | 89 | 55 | 0 | 0 | 2 | 1 | |
| | BROWNSVILLE | 84 | 65 | 89 | 60 | 75 | -4 | 3.66 | 3.35 | 1.77 | 6.21 | 216 | 6.76 | 135 | 97 | 63 | 0 | 0 | 4 | 3 | |
| | CORPUS CHRISTI | 80 | 65 | 86 | 59 | 73 | -2 | 4.73 | 4.22 | 3.34 | 8.16 | 192 | 9.04 | 130 | 97 | 66 | 0 | 0 | 4 | 2 | |
| | DEL RIO | 84 | 61 | 98 | 54 | 72 | -3 | 1.12 | 0.72 | 1.12 | 3.02 | 115 | 3.24 | 83 | 78 | 33 | 1 | 0 | 1 | 1 | |
| | EL PASO | 82 | 52 | 86 | 46 | 67 | -2 | 0.00 | -0.05 | 0.00 | 0.06 | 13 | 0.64 | 52 | 44 | 9 | 0 | 0 | 0 | 0 | |
| | FORT WORTH | 69 | 52 | 73 | 45 | 60 | -8 | 1.58 | 0.72 | 1.41 | 5.53 | 86 | 10.35 | 88 | 88 | 53 | 0 | 0 | 4 | 1 | |
| | GALVESTON | 76 | 64 | 82 | 57 | 70 | -3 | 1.17 | 0.71 | 0.46 | 4.57 | 91 | 8.34 | 72 | 88 | 66 | 0 | 0 | 4 | 0 | |
| | HOUSTON | 75 | 58 | 82 | 54 | 66 | -6 | 0.76 | -0.19 | 0.34 | 6.98 | 95 | 14.98 | 107 | 92 | 58 | 0 | 0 | 4 | 0 | |
| | LUBBOCK | 69 | 42 | 82 | 37 | 56 | -8 | 0.03 | -0.35 | 0.03 | 0.11 | 4 | 0.85 | 23 | 85 | 32 | 0 | 0 | 1 | 0 | |
| | MIDLAND | 73 | 45 | 85 | 39 | 59 | -10 | 0.00 | -0.16 | 0.00 | 0.00 | 0 | 0.40 | 15 | 83 | 27 | 0 | 0 | 0 | 0 | |
| UT | SAN ANGELO | 78 | 51 | 90 | 44 | 65 | -5 | 0.00 | -0.40 | 0.00 | 0.78 | 26 | 2.20 | 43 | 82 | 29 | 1 | 0 | 0 | 0 | |
| | SAN ANTONIO | 82 | 58 | 111 | 52 | 70 | -1 | 1.30 | 0.67 | 0.74 | 5.97 | 129 | 7.85 | 94 | 89 | 45 | 1 | 0 | 4 | 1 | |
| | VICTORIA | 78 | 62 | 84 | 56 | 70 | -3 | 2.76 | 2.03 | 1.68 | 5.93 | 100 | 13.19 | 125 | 97 | 66 | 0 | 0 | 4 | 2 | |
| VA | WACO | 70 | 51 | 77 | 43 | 60 | -8 | 2.40 | 1.54 | 1.56 | 5.25 | 81 | 9.94 | 84 | 98 | 64 | 0 | 0 | 3 | 2 | |
| | WICHITA FALLS | 67 | 47 | 74 | 41 | 57 | -8 | 1.71 | 1.00 | 1.63 | 4.99 | 113 | 7.95 | 113 | 93 | 51 | 0 | 0 | 4 | 1 | |
| | SALT LAKE CITY | 67 | 42 | 81 | 38 | 55 | 0 | 0.17 | -0.32 | 0.08 | 5.48 | 142 | 9.03 | 137 | 72 | 28 | 0 | 0 | 2 | 0 | |
| | LYNCHBURG | 68 | 44 | 76 | 38 | 56 | -3 | 2.54 | 1.70 | 1.93 | 6.09 | 85 | 12.15 | 90 | 87 | 42 | 0 | 0 | 2 | 2 | |
| | NORFOLK | 67 | 53 | 71 | 45 | 60 | -3 | 0.76 | -0.07 | 0.75 | 4.23 | 60 | 9.45 | 71 | 91 | 51 | 0 | 0 | 2 | 1 | |
| | RICHMOND | 70 | 47 | 75 | 40 | 58 | -3 | 1.74 | 0.94 | 1.70 | 4.49 | 63 | 9.47 | 73 | 89 | 44 | 0 | 0 | 2 | 1 | |
| | ROANOKE | 67 | 43 | 75 | 35 | 55 | -6 | 2.46 | 1.60 | 1.75 | 5.38 | 78 | 11.03 | 85 | 87 | 41 | 0 | 0 | 2 | 2 | |
| | WASH/DULLES | 64 | 44 | 72 | 38 | 54 | -4 | 1.44 | 0.55 | 1.40 | 3.80 | 55 | 7.42 | 59 | 88 | 46 | 0 | 0 | 3 | 1 | |
| | BURLINGTON | 59 | 40 | 67 | 34 | 49 | -1 | 1.07 | 0.31 | 0.69 | 5.25 | 100 | 10.09 | 110 | 91 | 44 | 0 | 0 | 5 | 1 | |
| VT | OLYMPIA | 68 | 41 | 83 | 34 | 55 | 4 | 0.32 | -0.38 | 0.24 | 9.49 | 102 | 16.37 | 73 | 98 | 41 | 0 | 0 | 2 | 0 | |
| | QUILLAYUTE | 62 | 43 | 83 | 39 | 52 | 4 | 0.95 | -0.57 | 0.80 | 20.30 | 103 | 37.02 | 82 | 96 | 57 | 0 | 0 | 2 | 1 | |
| | SEATTLE-TACOMA | 66 | 47 | 80 | 44 | 57 | 3 | 0.51 | -0.11 | 0.26 | 6.31 | 86 | 11.66 | 69 | 85 | 41 | 0 | 0 | 2 | 0 | |
| WI | SPOKANE | 67 | 43 | 82 | 39 | 55 | 6 | 0.23 | -0.02 | 0.23 | 2.10 | 68 | 4.16 | 64 | 74 | 31 | 0 | 0 | 1 | 0 | |
| | YAKIMA | 74 | 42 | 86 | 32 | 58 | 5 | 0.04 | -0.08 | 0.04 | 2.09 | 177 | 3.40 | 106 | 77 | 24 | 0 | 1 | 1 | 0 | |
| | EAU CLAIRE | 55 | 33 | 69 | 22 | 44 | -6 | 0.25 | -0.51 | 0.19 | 5.25 | 106 | 8.36 | 118 | 84 | 39 | 0 | 4 | 2 | 0 | |
| | GREEN BAY | 52 | 33 | 65 | 26 | 42 | -6 | 0.45 | -0.30 | 0.32 | 5.71 | 117 | 8.69 | 116 | 87 | 49 | 0 | 4 | 2 | 0 | |
| | LA CROSSE | 57 | 37 | 73 | 29 | 47 | -6 | 0.19 | -0.73 | 0.16 | 4.27 | 75 | 8.35 | 103 | 80 | 36 | 0 | 2 | 2 | 0 | |
| | MADISON | 55 | 32 | 68 | 26 | 43 | -7 | 0.35 | -0.57 | 0.27 | 5.71 | 96 | 10.46 | 117 | 82 | 39 | 0 | 4 | 2 | 0 | |
| WV | MILWAUKEE | 52 | 36 | 62 | 34 | 44 | -6 | 0.32 | -0.58 | 0.17 | 6.00 | 101 | 12.29 | 130 | 83 | 43 | 0 | 0 | 3 | 0 | |
| | BECKLEY | 61 | 40 | 68 | 29 | 50 | -7 | 1.33 | 0.45 | 0.89 | 5.02 | 67 | 12.13 | 88 | 84 | | | | | | |

National Agricultural Summary

April 24 – 30, 2023

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Most of the Pacific Northwest and Southwest remained dry in late April, while large parts of the mid Atlantic, southern Plains, and Southeast, as well as parts of the Great Lakes, lower Mississippi Valley, Northeast, and Rockies recorded at least twice the normal amount of weekly precipitation. Meanwhile, much of the nation was cooler than

normal for the week. Parts of the Ohio Valley, Midwest, Mississippi Valley, and southern Plains recorded temperatures 9°F or more below normal. In contrast, most of Florida and the West were warmer than normal. Portions of California and southern Oregon recorded weekly temperatures 9°F or more above normal.

Corn: By April 30, producers had planted 26 percent of the nation's corn crop, 13 percentage points ahead of last year but equal to the 5-year average. Progress was furthest advanced in Missouri and Texas, with 80 and 74 percent planted, respectively. Six percent of the nation's corn acreage had emerged by April 30, three percentage points ahead of the previous year and 1 point ahead of the 5-year average.

Soybean: Nineteen percent of the nation's soybean acreage was planted by April 30, twelve percentage points ahead of last year and 8 points ahead of the 5-year average. Planting progress was furthest advanced in Louisiana at 59 percent, 3 percentage points ahead of last year and 20 points ahead of the 5-year average.

Winter Wheat: By April 30, twenty-five percent of the nation's winter wheat crop was headed, 4 percentage points ahead of last year and 2 points ahead of the 5-year average. On April 30, twenty-eight percent of the 2023 winter wheat crop was reported in good to excellent condition, 2 percentage points above the previous week and 1 point above the previous year. In Kansas, the largest winter wheat-producing state, 64 percent of the winter wheat crop was rated in poor to very poor condition.

Cotton: Nationwide, 15 percent of the cotton crop was planted by April 30, equal to the previous year but 1 percentage point ahead of the 5-year average. Planting progress was furthest advanced in California at 85 percent, 9 percentage points behind last year but 20 points ahead of the 5-year average.

Sorghum: Twenty-one percent of the nation's sorghum acreage was planted by April 30, one percentage point ahead of the previous year but 1 percentage point behind the 5-year average. Texas had planted 69 percent of its sorghum acreage by April 30, three percentage points ahead of the previous year but equal to the 5-year average.

Rice: By April 30, producers had seeded 63 percent of the 2023 rice acreage, 21 percentage points ahead of the previous year and 14 points ahead of the 5-year average. Progress was furthest advanced in Louisiana and Texas, with 89 and

83 percent planted, respectively. By April 30, thirty-nine percent of the nation's rice acreage had emerged, 16 percentage points ahead of last year and 10 points ahead of the 5-year average.

Small Grains: Nationally, oat producers had seeded 49 percent of this year's acreage by April 30, five percentage points ahead of the previous year but 3 points behind the 5-year average. Thirty-three percent of the nation's oat acreage had emerged by April 30, three percentage points ahead of the previous year but 2 points behind the 5-year average.

Nineteen percent of the nation's barley crop was planted by April 30, fifteen percentage points behind last year and 16 points behind the 5-year average. Progress was furthest advanced in Washington and Idaho, with 55 and 47 percent planted, respectively. Three percent of the nation's barley had emerged by April 30, six percentage points behind the previous year and 7 points behind the 5-year average.

By April 30, twelve percent of the spring wheat crop was seeded, 6 percentage points behind last year and 10 points behind the 5-year average. Progress was furthest advanced in Washington, at 74 percent planted, 1 percentage point behind last year and 3 points behind the 5-year average. By April 30, two percent of the nation's spring wheat crop had emerged, 3 percentage points behind the previous year and 4 points behind the 5-year average.

Other Crops: Nationally, peanut producers had planted 8 percent of the 2023 peanut acreage by April 30, one percentage point behind the previous year and 2 points behind the 5-year average. Producers in Florida had planted 24 percent of the 2023 intended acreage by week's end, 1 percentage point behind last year but equal to the 5-year average.

By April 30, twenty-four percent of the sugarbeet crop was planted, 7 percentage points ahead of last year but 14 percentage points behind the 5-year average. Progress was furthest advanced in Michigan and Idaho, with 76 and 71 percent planted, respectively.

Crop Progress and Condition

Week Ending April 30, 2023

Weekly U.S. Progress and Condition Data provided by USDA/NASS

| Corn Percent Planted | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| CO | 12 | 2 | 6 | 16 |
| IL | 6 | 18 | 40 | 29 |
| IN | 5 | 9 | 20 | 15 |
| IA | 8 | 10 | 29 | 34 |
| KS | 33 | 24 | 34 | 32 |
| KY | 24 | 36 | 52 | 36 |
| MI | 1 | 1 | 2 | 7 |
| MN | 0 | 1 | 5 | 23 |
| MO | 25 | 58 | 80 | 41 |
| NE | 25 | 10 | 30 | 29 |
| NC | 77 | 52 | 70 | 69 |
| ND | 0 | 0 | 0 | 3 |
| OH | 3 | 6 | 10 | 7 |
| PA | 5 | 9 | 14 | 6 |
| SD | 3 | 0 | 1 | 10 |
| TN | 38 | 49 | 60 | 46 |
| TX | 73 | 72 | 74 | 69 |
| WI | 1 | 1 | 2 | 11 |
| 18 Sts | 13 | 14 | 26 | 26 |
| These 18 States planted 92% of last year's corn acreage. | | | | |

| Corn Percent Emerged | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| CO | 0 | 0 | 0 | 0 |
| IL | 0 | 0 | 4 | 4 |
| IN | 0 | 0 | 1 | 2 |
| IA | 0 | 0 | 1 | 1 |
| KS | 7 | 3 | 10 | 8 |
| KY | 3 | 12 | 24 | 14 |
| MI | 0 | 0 | 0 | 0 |
| MN | 0 | 0 | 0 | 0 |
| MO | 3 | 11 | 31 | 9 |
| NE | 1 | 0 | 1 | 2 |
| NC | 53 | 25 | 48 | 45 |
| ND | 0 | 0 | 0 | 0 |
| OH | 0 | 0 | 0 | 1 |
| PA | 0 | 0 | 1 | 0 |
| SD | 0 | 0 | 0 | 0 |
| TN | 9 | 11 | 23 | 19 |
| TX | 62 | 60 | 65 | 56 |
| WI | 0 | 0 | 0 | 0 |
| 18 Sts | 3 | 3 | 6 | 5 |
| These 18 States planted 92% of last year's corn acreage. | | | | |

| Soybeans Percent Planted | | | | |
|--|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AR | 21 | 34 | 43 | 23 |
| IL | 4 | 15 | 39 | 15 |
| IN | 3 | 8 | 18 | 9 |
| IA | 4 | 5 | 16 | 15 |
| KS | 10 | 4 | 14 | 6 |
| KY | 11 | 19 | 27 | 12 |
| LA | 56 | 41 | 59 | 39 |
| MI | 3 | 2 | 6 | 7 |
| MN | 0 | 0 | 1 | 8 |
| MS | 45 | 34 | 43 | 38 |
| MO | 4 | 16 | 34 | 5 |
| NE | 17 | 4 | 16 | 13 |
| NC | 15 | 4 | 9 | 11 |
| ND | 0 | 0 | 0 | 0 |
| OH | 2 | 6 | 14 | 5 |
| SD | 1 | 0 | 0 | 3 |
| TN | 8 | 16 | 23 | 8 |
| WI | 3 | 0 | 3 | 5 |
| 18 Sts | 7 | 9 | 19 | 11 |
| These 18 States planted 95% of last year's soybean acreage. | | | | |

| Cotton Percent Planted | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AL | 10 | 6 | 16 | 13 |
| AZ | 68 | 33 | 47 | 60 |
| AR | 11 | 5 | 9 | 7 |
| CA | 94 | 20 | 85 | 65 |
| GA | 10 | 4 | 8 | 12 |
| KS | 3 | 0 | 1 | 1 |
| LA | 32 | 5 | 17 | 18 |
| MS | 9 | 1 | 4 | 8 |
| MO | 7 | 1 | 5 | 5 |
| NC | 10 | 1 | 6 | 6 |
| OK | 0 | 0 | 0 | 3 |
| SC | 5 | 1 | 3 | 8 |
| TN | 3 | 3 | 5 | 3 |
| TX | 20 | 18 | 20 | 17 |
| VA | 16 | 20 | 31 | 10 |
| 15 Sts | 15 | 12 | 15 | 14 |
| These 15 States planted 99% of last year's cotton acreage. | | | | |

| Rice Percent Planted | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AR | 36 | 51 | 68 | 47 |
| CA | 17 | 0 | 5 | 14 |
| LA | 86 | 86 | 89 | 86 |
| MS | 47 | 39 | 53 | 43 |
| MO | 4 | 63 | 73 | 37 |
| TX | 81 | 74 | 83 | 83 |
| 6 Sts | 42 | 51 | 63 | 49 |
| These 6 States planted 100% of last year's rice acreage. | | | | |

| Rice Percent Emerged | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AR | 12 | 21 | 34 | 22 |
| CA | 0 | 0 | 0 | 1 |
| LA | 77 | 81 | 83 | 78 |
| MS | 20 | 11 | 32 | 21 |
| MO | 1 | 12 | 31 | 15 |
| TX | 67 | 58 | 69 | 70 |
| 6 Sts | 23 | 30 | 39 | 29 |
| These 6 States planted 100% of last year's rice acreage. | | | | |

| Sorghum Percent Planted | | | | |
|--|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| CO | 0 | 0 | 3 | 0 |
| KS | 1 | 0 | 2 | 1 |
| NE | 0 | 0 | 1 | 2 |
| OK | 3 | 15 | 16 | 6 |
| SD | 2 | 0 | 0 | 1 |
| TX | 66 | 63 | 69 | 69 |
| 6 Sts | 20 | 18 | 21 | 22 |
| These 6 States planted 100% of last year's sorghum acreage. | | | | |

Crop Progress and Condition

Week Ending April 30, 2023

Weekly U.S. Progress and Condition Data provided by USDA/NASS

| Winter Wheat Percent Headed | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AR | 47 | 46 | 71 | 63 |
| CA | 80 | 74 | 83 | 64 |
| CO | 0 | 0 | 0 | 0 |
| ID | 0 | 0 | 0 | 1 |
| IL | 11 | 7 | 15 | 11 |
| IN | 1 | 0 | 5 | 2 |
| KS | 9 | 3 | 11 | 8 |
| MI | 0 | 0 | 0 | 0 |
| MO | 9 | 12 | 25 | 18 |
| MT | 0 | 0 | 0 | 0 |
| NE | 0 | 0 | 0 | 0 |
| NC | 71 | 57 | 77 | 57 |
| OH | 0 | 0 | 0 | 1 |
| OK | 37 | 33 | 43 | 48 |
| OR | 0 | 0 | 0 | 3 |
| SD | 0 | 0 | 0 | 0 |
| TX | 63 | 53 | 69 | 68 |
| WA | 0 | 0 | 0 | 1 |
| 18 Sts | 21 | 18 | 25 | 23 |
| These 18 States planted 88% of last year's winter wheat acreage. | | | | |

| Winter Wheat Condition by Percent | | | | | |
|-----------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AR | 0 | 7 | 33 | 49 | 11 |
| CA | 0 | 0 | 5 | 65 | 30 |
| CO | 10 | 27 | 35 | 24 | 4 |
| ID | 1 | 5 | 59 | 34 | 1 |
| IL | 1 | 2 | 31 | 55 | 11 |
| IN | 2 | 5 | 18 | 55 | 20 |
| KS | 34 | 30 | 23 | 12 | 1 |
| MI | 2 | 4 | 30 | 52 | 12 |
| MO | 0 | 6 | 27 | 63 | 4 |
| MT | 1 | 3 | 50 | 46 | 0 |
| NE | 18 | 33 | 35 | 12 | 2 |
| NC | 0 | 1 | 13 | 74 | 12 |
| OH | 2 | 4 | 28 | 53 | 13 |
| OK | 28 | 33 | 30 | 8 | 1 |
| OR | 8 | 20 | 38 | 30 | 4 |
| SD | 5 | 9 | 64 | 21 | 1 |
| TX | 26 | 31 | 26 | 15 | 2 |
| WA | 1 | 8 | 33 | 54 | 4 |
| 18 Sts | 19 | 23 | 30 | 25 | 3 |
| Prev Wk | 18 | 23 | 33 | 23 | 3 |
| Prev Yr | 22 | 21 | 30 | 24 | 3 |

| Oats Percent Planted | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| IA | 61 | 67 | 85 | 77 |
| MN | 6 | 5 | 10 | 28 |
| NE | 87 | 68 | 84 | 77 |
| ND | 1 | 0 | 1 | 6 |
| OH | 44 | 61 | 71 | 53 |
| PA | 30 | 52 | 68 | 48 |
| SD | 46 | 13 | 28 | 39 |
| TX | 100 | 100 | 100 | 100 |
| WI | 14 | 15 | 23 | 33 |
| 9 Sts | 44 | 42 | 49 | 52 |
| These 9 States planted 69% of last year's oat acreage. | | | | |

| Spring Wheat Percent Planted | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| ID | 54 | 26 | 45 | 66 |
| MN | 1 | 0 | 0 | 16 |
| MT | 29 | 5 | 12 | 23 |
| ND | 5 | 1 | 6 | 13 |
| SD | 46 | 4 | 17 | 40 |
| WA | 75 | 48 | 74 | 77 |
| 6 Sts | 18 | 5 | 12 | 22 |
| These 6 States planted 100% of last year's spring wheat acreage. | | | | |

| Barley Percent Planted | | | | |
|--|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| ID | 55 | 29 | 47 | 68 |
| MN | 1 | 0 | 1 | 14 |
| MT | 41 | 6 | 14 | 30 |
| ND | 1 | 0 | 1 | 9 |
| WA | 64 | 27 | 55 | 66 |
| 5 Sts | 34 | 10 | 19 | 35 |
| These 5 States planted 84% of last year's barley acreage. | | | | |

| Oats Percent Emerged | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| IA | 17 | 10 | 29 | 27 |
| MN | 0 | 1 | 3 | 9 |
| NE | 46 | 23 | 43 | 43 |
| ND | 0 | 0 | 0 | 0 |
| OH | 15 | 19 | 30 | 26 |
| PA | 4 | 17 | 37 | 29 |
| SD | 19 | 0 | 2 | 14 |
| TX | 100 | 100 | 100 | 100 |
| WI | 2 | 0 | 5 | 11 |
| 9 Sts | 30 | 28 | 33 | 35 |
| These 9 States planted 69% of last year's oat acreage. | | | | |

| Spring Wheat Percent Emerged | | | | |
|---|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| ID | 25 | 1 | 12 | 23 |
| MN | 0 | 0 | 0 | 3 |
| MT | 6 | 0 | 0 | 3 |
| ND | 0 | 0 | 0 | 1 |
| SD | 11 | 0 | 0 | 13 |
| WA | 38 | 10 | 38 | 43 |
| 6 Sts | 5 | 1 | 2 | 6 |
| These 6 States planted 100% of last year's spring wheat acreage. | | | | |

| Barley Percent Emerged | | | | |
|--|--------------|--------------|----------------|-------------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| ID | 26 | 2 | 13 | 29 |
| MN | 0 | 0 | 0 | 2 |
| MT | 4 | 0 | 0 | 2 |
| ND | 0 | 0 | 0 | 1 |
| WA | 16 | 4 | 12 | 31 |
| 5 Sts | 9 | 1 | 3 | 10 |
| These 5 States planted 84% of last year's barley acreage. | | | | |

Crop Progress and Condition

Week Ending April 30, 2023

Weekly U.S. Progress and Condition Data provided by USDA/NASS

| Peanuts Percent Planted | | | | |
|---|-----------|-----------|-------------|----------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| AL | 6 | 4 | 12 | 11 |
| FL | 25 | 19 | 24 | 24 |
| GA | 10 | 2 | 6 | 10 |
| NC | 3 | 2 | 7 | 4 |
| OK | 0 | 0 | 0 | 2 |
| SC | 4 | 2 | 7 | 11 |
| TX | 1 | 0 | 0 | 3 |
| VA | 8 | 0 | 15 | 7 |
| 8 Sts | 9 | 4 | 8 | 10 |
| These 8 States planted 96% of last year's peanut acreage. | | | | |

| Sugarbeets Percent Planted | | | | |
|--|-----------|-----------|-------------|----------|
| | Prev Year | Prev Week | Apr 30 2023 | 5-Yr Avg |
| ID | 84 | 53 | 71 | 88 |
| MI | 14 | 49 | 76 | 45 |
| MN | 1 | 0 | 0 | 25 |
| ND | 0 | 0 | 0 | 19 |
| 4 Sts | 17 | 17 | 24 | 38 |
| These 4 States planted 86% of last year's sugarbeet acreage. | | | | |

VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
* Revised



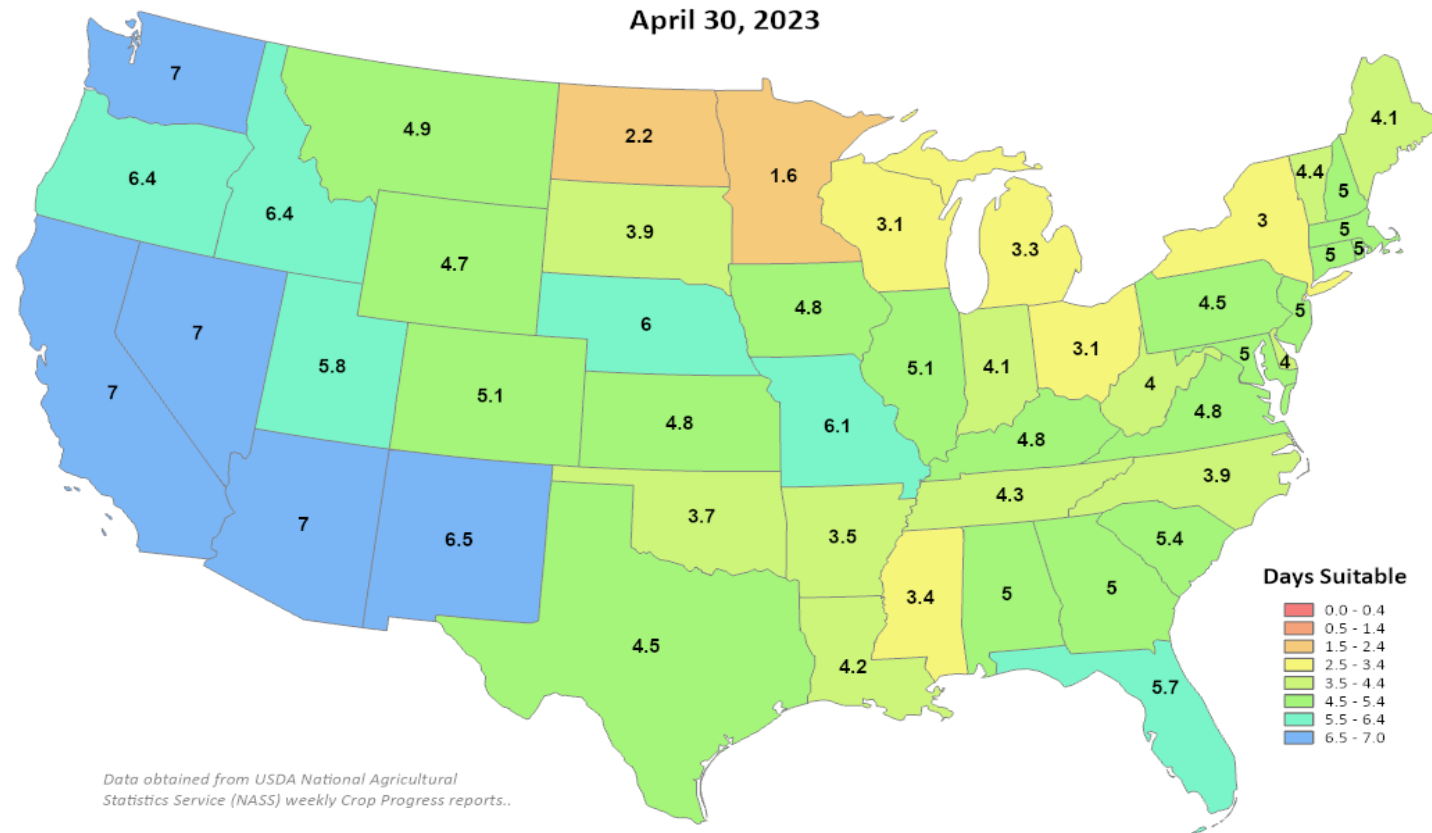
United States
Department of
Agriculture

This product was prepared by the
USDA Office of the Chief Economist (OCE)
World Agricultural Outlook Board (WAOB)

Days Suitable for Fieldwork

Week Ending

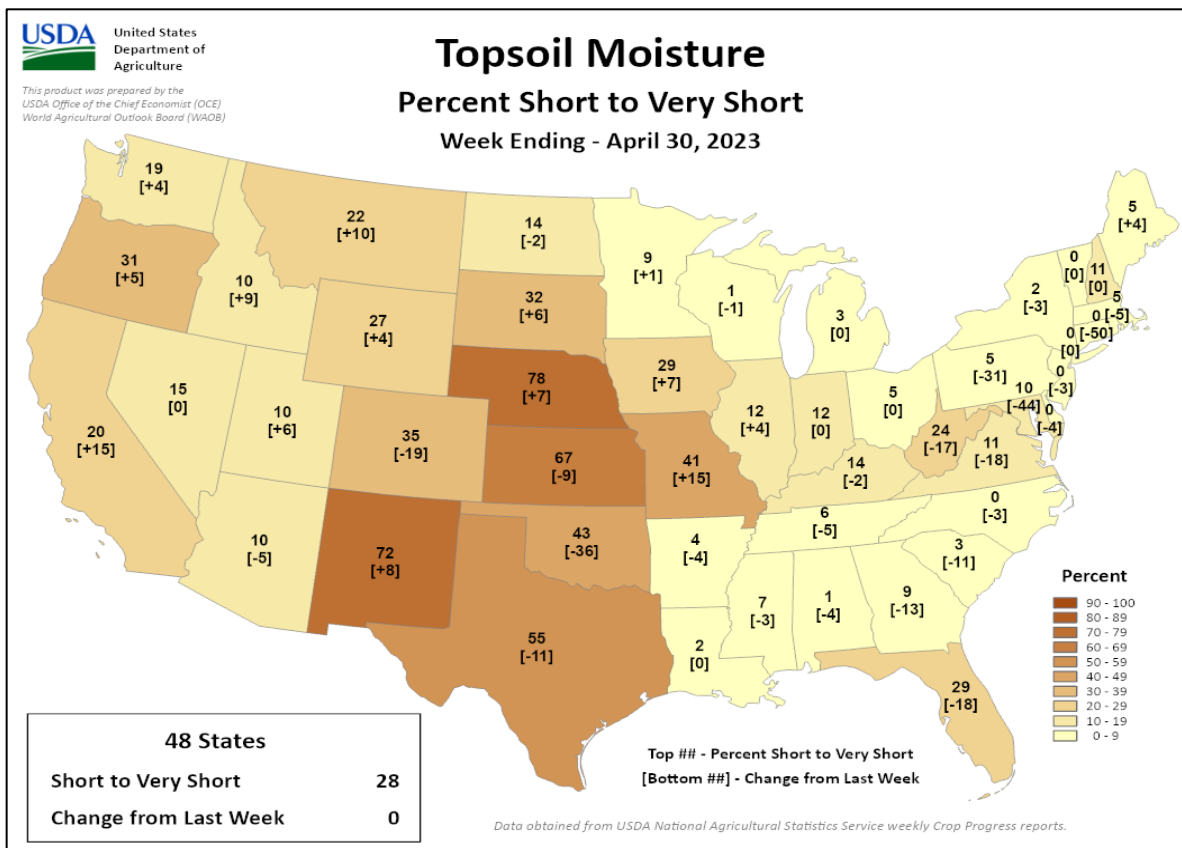
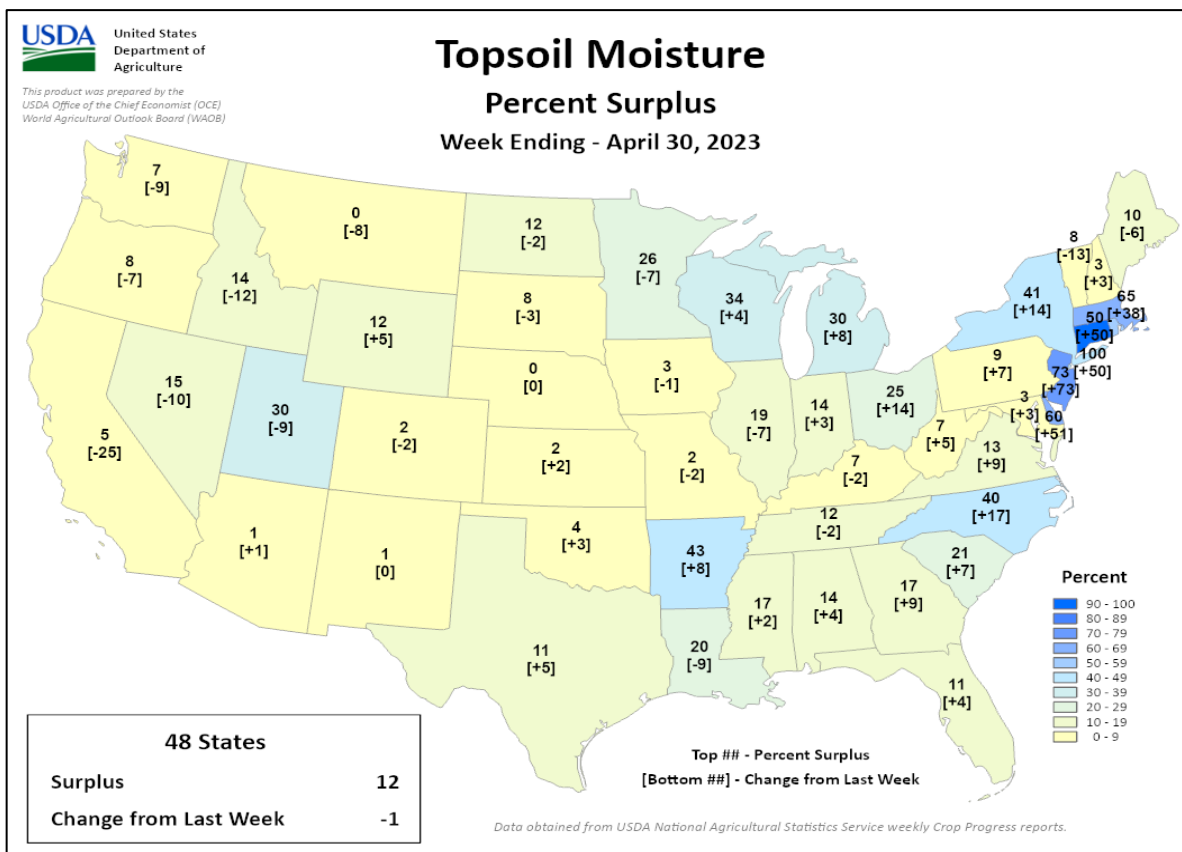
April 30, 2023



Crop Progress and Condition

Week Ending April 30, 2023

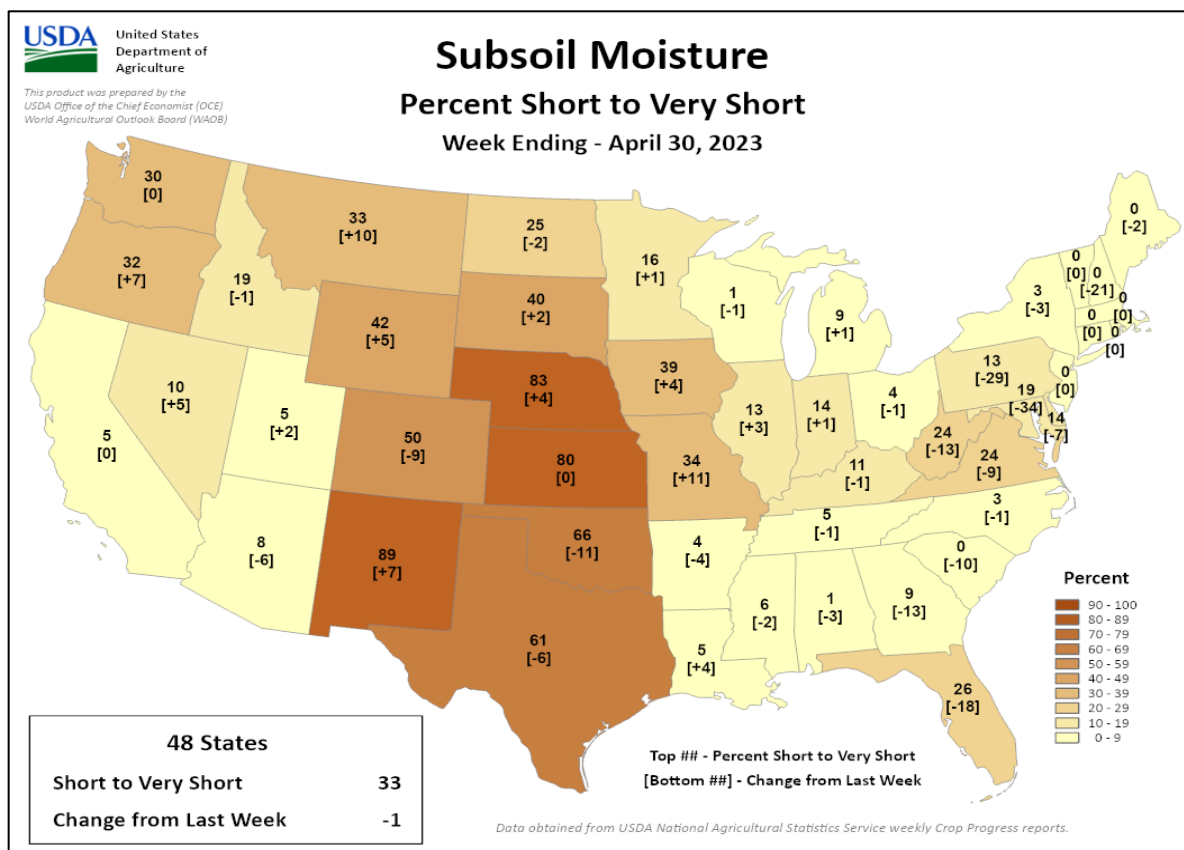
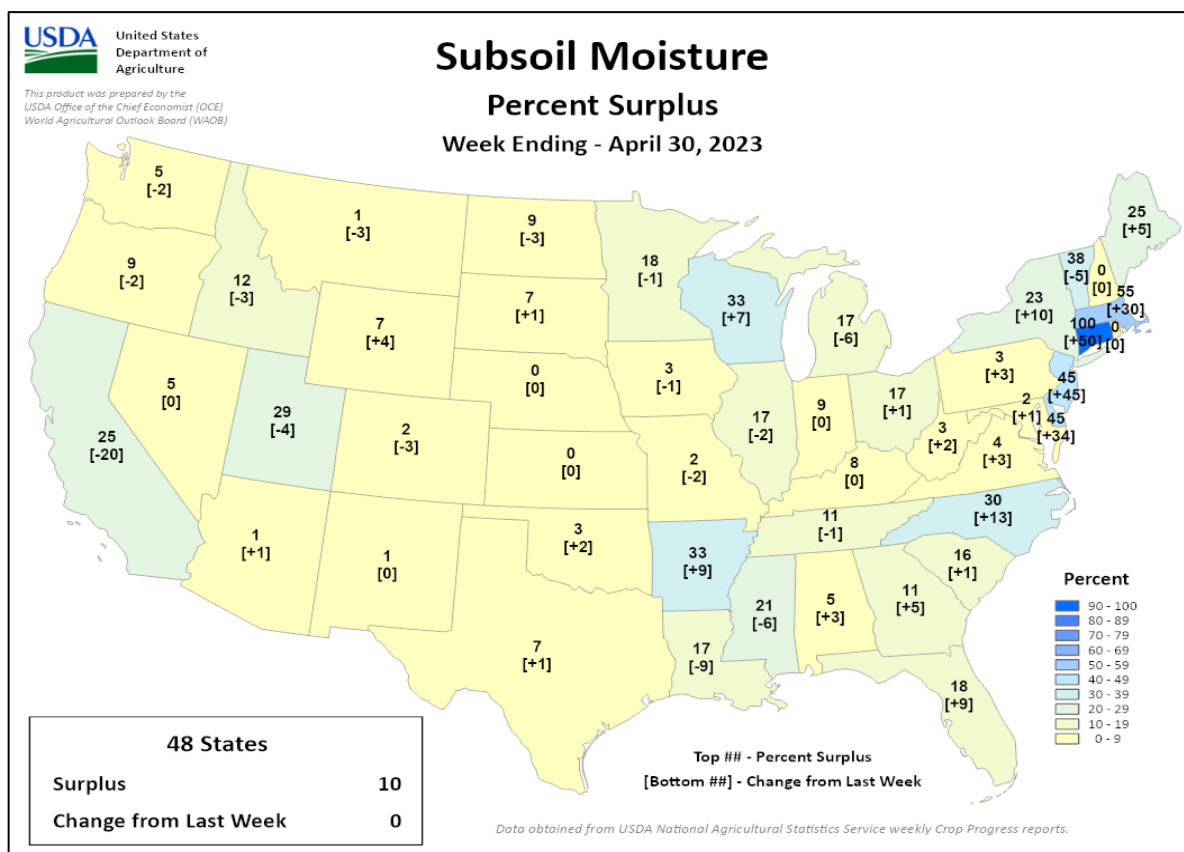
Weekly U.S. Progress and Condition Data provided by USDA/NASS



Crop Progress and Condition

Week Ending April 30, 2023

Weekly U.S. Progress and Condition Data provided by USDA/NASS



International Weather and Crop Summary

April 23-29, 2023

*International Weather and Crop Highlights and Summaries
provided by USDA/WAOB*

EUROPE: Additional showers maintained good to excellent prospects for winter grains and oilseeds over much of Europe, though extreme drought and heat prevailed in southwestern growing areas.

WESTERN FSU: Widespread showers further boosted moisture supplies for vegetative winter grains and oilseeds.

MIDDLE EAST: Continued cool and wet weather in Turkey maintained favorable prospects for winter wheat and barley, while another round of showers benefited winter grains in Iraq and western Iran.

NORTHWESTERN AFRICA: Scorching heat and exceptional drought further lowered yield prospects for filling to maturing winter grains over much of the region.

EAST ASIA: Showery weather lingered into eastern and southern China before drier, warmer weather overspread winter crop areas by the end of the period.

SOUTHEAST ASIA: Pre-monsoon rainfall in Thailand provided beneficial early-season moisture as growers prepare for the start of the rainy season.

AUSTRALIA: Scattered showers dotted the wheat belt, maintaining overall favorable conditions for winter crop planting, germination, and emergence.

ARGENTINA: Fieldwork advanced, with rain providing a timely boost in moisture for winter grain germination in the northwest.

BRAZIL: Scattered showers benefited immature corn in western and southern farming areas, while seasonal dryness dominated northeastern cotton areas.

MEXICO: Rain benefited immature sorghum in the northeast.

April 2023

| COUNTRY | CITY | TEMPERATURE (C) | | | | | PRECIP. (MM) | | |
|---------|--------------|--------------------|------------|-----------|-----------|-----|-----------------|-----|------------|
| | | AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DEP NRM | TOT | DEP NRM |
| ALGERI | ALGER | 24 | 9 | 35 | 4 | 16 | 0.9 | 1 | -57 |
| | BATNA | 24 | 6 | 35 | -3 | 15 | 1.5 | 3 | -34 |
| ARGENT | IGUAZU | 26 | 16 | 32 | 10 | 22 | -0.4 | 153 | -3 |
| | FORMOSA | 28 | 17 | 36 | 11 | 23 | -0.4 | 80 | -80 |
| | CERES | 26 | 15 | 32 | 9 | 20 | 0.7 | 101 | -13 |
| | CORDOBA | 25 | 12 | 31 | 6 | 19 | 1.1 | 20 | -60 |
| | RIO CUARTO | 24 | 12 | 30 | 4 | 18 | 0.8 | 301 | 237 |
| | ROSARIO | 24 | 12 | 31 | 5 | 18 | 0.2 | 23 | -97 |
| | BUENOS AIRES | 24 | 12 | 31 | 4 | 18 | 0.7 | 41 | -59 |
| | SANTA ROSA | 24 | 11 | 31 | 4 | 17 | 1.1 | 64 | -6 |
| AUSTRA | TRES ARROYOS | 21 | 10 | 29 | 0 | 15 | 0.5 | 65 | -15 |
| | DARWIN | 32 | 25 | 34 | 19 | 28 | 0.4 | 36 | ***** |
| | BRISBANE | 26 | 16 | 30 | 12 | 21 | 0.1 | 42 | -29 |
| | PERTH | 23 | 12 | 31 | 6 | 18 | -2.1 | 33 | 1 |
| | CEDUNA | 24 | 12 | 33 | 7 | 18 | 0.2 | 29 | 11 |
| | ADELAIDE | 21 | 13 | 29 | 9 | 17 | -0.5 | 31 | 0 |
| | MELBOURNE | 20 | 11 | 26 | 3 | 16 | 0.3 | 52 | 13 |
| | WAGGA | 20 | 10 | 26 | 4 | 15 | -1.1 | 48 | 19 |
| AUSTRI | CANBERRA | 19 | 6 | 24 | 1 | 13 | -1 | 97 | 68 |
| | VIENNA | 13 | 5 | 22 | -4 | 9 | -2.1 | 111 | 64 |
| | INNSBRUCK | 14 | 4 | 24 | -3 | 9 | -1.4 | 93 | 34 |
| BAHAMA | NASSAU | 29 | 23 | 33 | 21 | 26 | 1.3 | 234 | 178 |
| BARBAD | BRIDGETOWN | 30 | 24 | 30 | 22 | 27 | -0.1 | 36 | -16 |
| BELARU | MINSK | 13 | 3 | 20 | -3 | 8 | 0.8 | 38 | -5 |
| BERMUD | ST GEORGES | 22 | 18 | 25 | 13 | 20 | 1.2 | 90 | 8 |
| BOLIVI | LA PAZ | 16 | 1 | 19 | -5 | 9 | 0.5 | 8 | -26 |
| BRAZIL | FORTALEZA | 30 | 25 | 32 | 23 | 27 | 0.1 | 170 | -111 |
| | RECIFE | 30 | 25 | 31 | 23 | 27 | -0.7 | 165 | -1 |
| | CAMPO GRANDE | 28 | 20 | 32 | 14 | 24 | -1.5 | 133 | 45 |
| | FRANCA | 26 | 17 | 30 | 12 | 22 | -0.7 | 165 | 83 |
| | RIO DE JANEI | 28 | 21 | 33 | 18 | 25 | -0.7 | 83 | 4 |
| | LONDRINA | *** | *** | 35 | 11 | *** | ***** | 108 | 11 |
| | SANTA MARIA | 26 | 15 | 34 | 6 | 20 | -0.2 | 82 | -57 |
| | SOFIA | 14 | 4 | 21 | -2 | 9 | -1.8 | 57 | 5 |
| BURKIN | OUAGADOUGOU | 40 | 22 | 42 | 0 | 31 | -2.6 | 16 | ***** |
| CANADA | LETHBRIDGE | 12 | -2 | 26 | -10 | 5 | ***** | 8 | ***** |
| | REGINA | 6 | -5 | 19 | -26 | 0 | -3.6 | 21 | -5 |
| | WINNIPEG | 6 | -2 | 15 | -12 | 2 | -2.7 | 22 | -6 |
| | TORONTO | 14 | 4 | 29 | -5 | 9 | 2.1 | 102 | 21 |
| | MONTREAL | 13 | 3 | 28 | -7 | 8 | 1.5 | 101 | 9 |
| | PRINCE ALBER | 6 | -7 | 18 | -23 | 0 | -2.1 | 10 | -19 |
| | CALGARY | 11 | -2 | 24 | -9 | 5 | 0.3 | 6 | -23 |
| | VANCOUVER | 12 | 5 | 23 | -1 | 8 | -1.1 | 99 | 15 |
| CANARY | LAS PALMAS | 25 | 18 | 30 | 15 | 21 | 1.9 | 2 | ***** |
| CHILE | SANTIAGO | 25 | 9 | 33 | 4 | 17 | 1.7 | 3 | ***** |
| CHINA | HARBIN | 14 | 2 | 23 | -5 | 8 | 0.6 | 25 | 4 |
| | HAMI | 20 | 6 | 28 | -4 | 13 | -2.3 | 1 | -4 |
| | BEIJING | 21 | 9 | 28 | 3 | 15 | -0.2 | 22 | -1 |
| | TIENTSIN | 21 | 10 | 28 | 3 | 15 | 0 | 46 | 25 |
| | LHASA | 16 | 4 | 20 | 0 | 10 | 0.4 | 24 | 15 |
| | KUNMING | 26 | 14 | 29 | 10 | 20 | 2.4 | 3 | -23 |
| | CHENGCHOW | 22 | 12 | 29 | 5 | 17 | -0.1 | 96 | 59 |
| | YEHCHANG | 23 | 14 | 33 | 6 | 18 | 1.1 | 91 | -6 |
| | HANKOW | 24 | 14 | 34 | 7 | 19 | 1.2 | 262 | 125 |
| | CHUNGKING | 26 | 18 | 36 | 12 | 22 | 1.9 | 101 | -2 |
| | CHIHKIANG | 24 | 14 | 34 | 8 | 19 | 1.1 | 168 | 40 |
| | WU HU | 23 | 13 | 36 | 7 | 18 | 0.8 | 52 | -57 |
| | SHANGHAI | 22 | 13 | 32 | 5 | 18 | 1.9 | 38 | -38 |
| | NANCHANG | 24 | 16 | 34 | 10 | 20 | 0.9 | 388 | 175 |
| | TAIPEI | 26 | 20 | 33 | 17 | 23 | 0.3 | 83 | -69 |
| COLOMB | CANTON | 26 | 20 | 33 | 14 | 23 | 0.7 | 91 | -103 |
| | NANNING | 26 | 20 | 32 | 15 | 23 | 0.1 | 117 | 42 |
| | BOGOTA | 20 | 10 | 24 | 5 | 15 | 0.4 | 59 | -49 |
| | ABIDJAN | 32 | 25 | 33 | 0 | 28 | -0.1 | 263 | 97 |
| | CAMAGUEY | 32 | 21 | 34 | 18 | 27 | 1 | 196 | ***** |
| CYPRUS | LARNACA | 23 | 12 | 30 | 7 | 18 | 0.2 | 16 | ***** |
| CZECHR | PRAGUE | 11 | 3 | 20 | -4 | 7 | -2 | 51 | 24 |
| DENMAR | COPENHAGEN | 12 | 4 | 17 | -2 | 8 | 0.1 | 28 | 1 |
| EGYPT | CAIRO | 28 | 17 | 37 | 12 | 23 | 0.6 | 0 | ***** |
| | ASWAN | 35 | 20 | 41 | 12 | 28 | -0.2 | 0 | ***** |

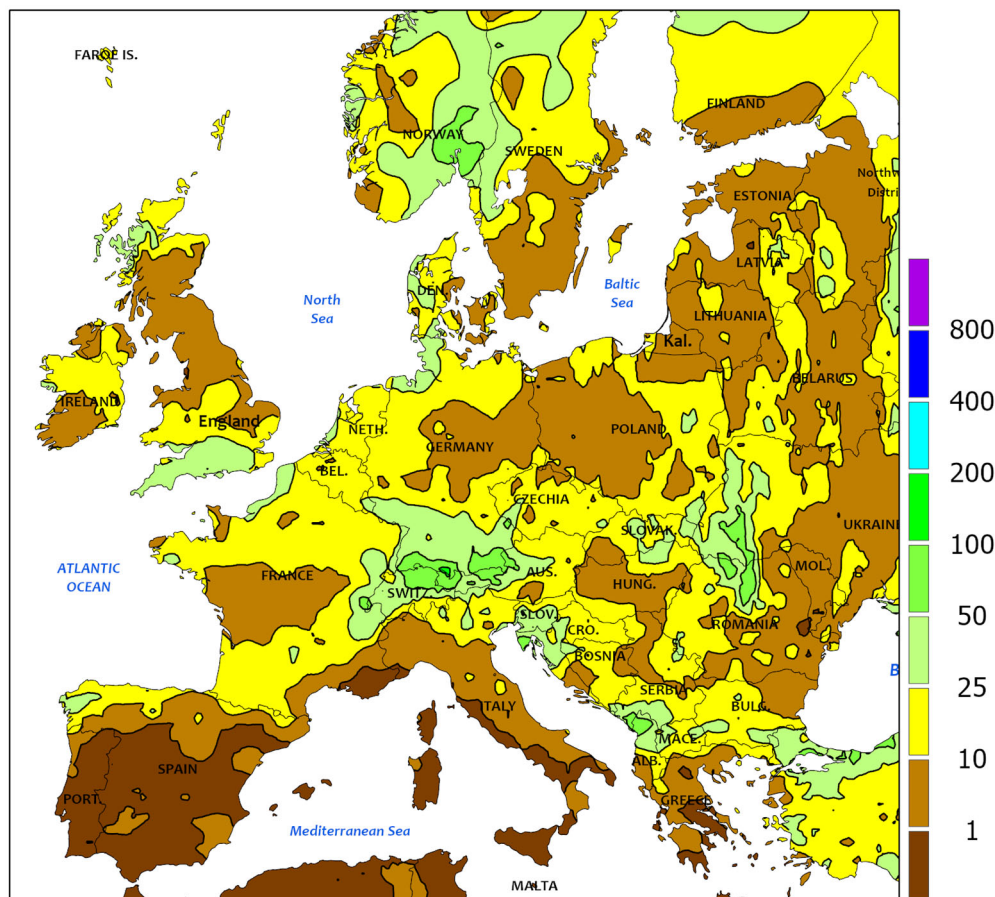
Based on Preliminary Reports

April 2023

| COUNTRY | CITY | TEMPERATURE (C) | | | | | PRECIP. (MM) | | |
|---------|--------------|--------------------|-----|-----|-----|-----|-----------------|-------|-------|
| | | AVG | AVG | HI | LO | DEP | NRM | TOT | DEP |
| | | MAX | MIN | MAX | MIN | AVG | | | |
| ESTONI | TALLINN | 11 | 2 | 21 | -3 | 6 | 1.2 | 38 | 3 |
| ETHIOP | ADDIS ABABA | *** | *** | 28 | 7 | *** | ***** | ***** | ***** |
| F GUIA | CAYENNE | 30 | 23 | 32 | 20 | 26 | -0.9 | 600 | 157 |
| FIJI | NAUSORI | 32 | 23 | 33 | 20 | 27 | 1.6 | 158 | -148 |
| FINLAN | HELSINKI | 11 | 0 | 19 | -7 | 5 | 0.8 | 13 | -22 |
| FRANCE | PARIS/ONLY | 15 | 6 | 23 | 0 | 11 | -0.6 | 48 | 4 |
| | STRASBOURG | 15 | 5 | 23 | -3 | 10 | -0.9 | 29 | -13 |
| | BOURGES | 16 | 6 | 24 | -1 | 11 | -0.4 | 39 | -23 |
| | BORDEAUX | 19 | 9 | 27 | 0 | 14 | 0.8 | 39 | -37 |
| | TOULOUSE | 18 | 9 | 25 | 2 | 14 | 0.8 | 46 | -19 |
| | MARSEILLE | 20 | 9 | 26 | 3 | 15 | 0.6 | 3 | -48 |
| GABON | LIBREVILLE | 30 | 24 | 32 | 17 | 27 | -0.1 | 193 | -96 |
| GERMAN | HAMBURG | 12 | 4 | 23 | -4 | 8 | -0.8 | 46 | 7 |
| | BERLIN | 13 | 4 | 22 | -4 | 9 | -1.6 | 49 | 20 |
| | DUSSELDORF | 14 | 5 | 22 | -3 | 9 | -1.0 | 70 | 24 |
| | LEIPZIG | 12 | 4 | 22 | -2 | 8 | -1.4 | 56 | 24 |
| | DRESDEN | 12 | 4 | 21 | -3 | 8 | -1.8 | 54 | 18 |
| | STUTTGART | 13 | 4 | 22 | -4 | 9 | -1.0 | 62 | 23 |
| | NURNBERG | 13 | 4 | 23 | -4 | 8 | -0.9 | 47 | 14 |
| | AUGSBURG | 12 | 3 | 22 | -5 | 8 | -0.9 | 79 | 33 |
| GREECE | THESSALONIKA | 19 | 9 | 24 | 4 | 14 | -0.4 | 80 | 45 |
| | LARISSA | 20 | 7 | 25 | 3 | 13 | -0.6 | 48 | 16 |
| | ATHENS | 22 | 12 | 24 | 9 | 17 | 0.9 | 10 | ***** |
| GUADEL | RAIZET | 30 | 22 | 31 | 20 | 26 | -0.1 | 132 | 34 |
| HONGKO | HONG KONG IN | 27 | 22 | 31 | 19 | 25 | 0.1 | 99 | -51 |
| HUNGAR | BUDAPEST | 15 | 6 | 22 | -2 | 11 | -1.8 | 30 | -4 |
| ICELAN | REYKJAVIK | 8 | 2 | 12 | -2 | 5 | 1.5 | 146 | 89 |
| INDIA | AMRITSAR | 34 | 18 | 40 | 12 | 26 | 0.0 | 11 | -31 |
| | NEW DELHI | 35 | 20 | 40 | 14 | 28 | -1.5 | 20 | 6 |
| | AHMEDABAD | 39 | 25 | 42 | 21 | 32 | -0.1 | 4 | ***** |
| | INDORE | 36 | 21 | 40 | 17 | 29 | -1.0 | 36 | 28 |
| | CALCUTTA | 37 | 26 | 42 | 20 | 32 | 2.2 | 75 | ***** |
| | VERAVAL | 32 | 24 | 38 | 22 | 28 | 0.5 | 2 | ***** |
| | BOMBAY | 34 | 25 | 39 | 22 | 29 | 0.0 | 15 | ***** |
| | POONA | 37 | 19 | 40 | 16 | 28 | -1.2 | 38 | ***** |
| | BEGAMPET | 36 | 24 | 39 | 20 | 30 | -1.9 | 200 | ***** |
| | VISHAKHAPATN | 34 | 28 | 36 | 25 | 31 | 1.3 | 1 | ***** |
| | MADRAS | 36 | 26 | 40 | 24 | 31 | 0.3 | 6 | -32 |
| | MANGALORE | 34 | 25 | 36 | 22 | 30 | 0.2 | 0 | ***** |
| INDONE | SERANG | 33 | 24 | 35 | 23 | 29 | 0.8 | 107 | -47 |
| IRELAN | DUBLIN | 13 | 6 | 18 | -1 | 9 | 1.1 | 79 | 22 |
| ITALY | MILAN | 19 | 8 | 24 | 2 | 14 | -0.4 | 80 | 16 |
| | VERONA | 18 | 7 | 23 | 1 | 13 | -0.3 | 54 | -15 |
| | VENICE | 16 | 8 | 22 | 2 | 12 | -1.1 | 0 | -71 |
| | GENOA | 18 | 12 | 25 | 7 | 15 | 0.0 | 51 | ***** |
| | ROME | 19 | 8 | 23 | 0 | 13 | -0.6 | 40 | -14 |
| | NAPLES | 18 | 9 | 24 | 4 | 14 | -1.3 | 62 | -17 |
| JAMAIC | KINGSTON | 31 | 24 | 34 | 21 | 28 | 0.6 | 19 | -12 |
| JAPAN | SAPPORO | 13 | 6 | 21 | 2 | 10 | 2.3 | 68 | 13 |
| | NAGOYA | 21 | 12 | 28 | 5 | 16 | 1.4 | 182 | 54 |
| | TOKYO | 22 | 12 | 27 | 7 | 17 | 2.4 | 112 | -21 |
| | YOKOHAMA | *** | *** | 25 | 8 | *** | ***** | ***** | ***** |
| | KYOTO | *** | *** | 25 | 5 | *** | ***** | ***** | ***** |
| | OSAKA | 21 | 12 | 27 | 7 | 16 | 1.2 | 240 | 138 |
| KAZAKH | KUSTANAY | 15 | 1 | 26 | -10 | 8 | 1.7 | 0 | -25 |
| | TSELINOGRAD | 12 | 0 | 28 | -13 | 6 | -0.7 | 51 | 31 |
| | KARAGANDA | 14 | -1 | 28 | -8 | 6 | -0.1 | 13 | -17 |
| KENYA | NAIROBI | 25 | 16 | 29 | 14 | 21 | -0.3 | 141 | ***** |
| LIBYA | BENGHAZI | 24 | 13 | 31 | 10 | 18 | -0.5 | 6 | ***** |
| LITHUA | KAUNAS | 13 | 4 | 22 | -2 | 9 | 0.9 | 35 | -3 |
| LUXEMB | LUXEMBOURG | 12 | 4 | 19 | -3 | 8 | -1.4 | 82 | 32 |
| MALAYS | KUALA LUMPUR | 34 | 25 | 35 | 24 | 30 | 0.8 | 223 | -78 |
| MALI | TIMBUKTU | *** | *** | *** | *** | *** | ***** | ***** | ***** |
| | BAMAKO | 40 | 24 | 43 | 20 | 32 | 0.2 | 0 | ***** |
| MARSHA | MAJURO | 30 | 26 | 31 | 24 | 28 | 0.3 | 345 | 63 |
| MARTIN | LAMENTIN | 31 | 23 | 33 | 22 | 27 | 0.2 | 72 | -51 |
| MAURIT | NOUAKCHOTT | 34 | 20 | 45 | 18 | 27 | 1.5 | ***** | ***** |
| MEXICO | GUADALAJARA | *** | *** | 35 | 12 | *** | ***** | ***** | ***** |
| | TLAXCALA | *** | *** | 32 | 9 | *** | ***** | ***** | ***** |
| | ORIZABA | *** | *** | 32 | 13 | *** | ***** | ***** | ***** |
| MOROCC | CASABLANCA | 23 | 16 | 31 | 11 | 19 | 2.2 | 7 | ***** |
| | MARRAKECH | 31 | 16 | 41 | 9 | 23 | 4.2 | 21 | ***** |
| MOZAMB | MAPUTO | 30 | 20 | 37 | 17 | 25 | 0.5 | 6 | -36 |
| N KORE | PYONGYANG | 18 | 8 | 26 | 2 | 13 | 1.8 | 74 | 18 |
| NEW CA | NOUMEA | 29 | 22 | 32 | 20 | 26 | 1.3 | 172 | 67 |
| NIGER | NIAMEY | 42 | 21 | 44 | 0 | 32 | -3.3 | 0 | ***** |
| NORWAY | OSLO | 9 | 0 | 19 | -8 | 4 | -0.8 | 85 | 34 |
| NZEALA | AUCKLAND | 21 | 15 | 24 | 6 | 18 | 1.4 | 96 | 12 |
| | WELLINGTON | 18 | 12 | 21 | 6 | 15 | 0.8 | 65 | -12 |
| P RICO | SAN JUAN | 29 | 23 | 33 | 20 | 26 | -0.7 | 108 | -9 |
| PAKIST | KARACHI | 34 | 25 | 38 | 22 | 30 | 0.6 | 17 | ***** |
| PERU | LIMA | 28 | 24 | 30 | 22 | 26 | 4.0 | 0 | ***** |
| PHILIP | MANILA | 33 | 26 | 35 | 23 | 30 | -0.2 | 68 | 47 |
| PNEWGU | PORT MORESBY | 31 | 24 | 32 | 23 | 28 | 0.2 | 299 | 161 |
| POLAND | WARSAW | 14 | 5 | 23 | -5 | 9 | -0.4 | 52 | 17 |
| | LODZ | 13 | 3 | 23 | -7 | 8 | -1.0 | 63 | 29 |
| | KATOWICE | 12 | 3 | 22 | -6 | 8 | -1.1 | 40 | -3 |
| PORTUG | LISBON | 25 | 13 | 32 | 9 | 19 | 3.3 | 18 | -37 |
| ROMANI | BUCHAREST | 17 | 4 | 23 | 0 | 10 | -0.8 | 69 | 19 |
| RUSSIA | ST.PETERSBUR | 12 | 3 | 22 | -4 | 7 | 1.7 | 22 | -15 |
| | KAZAN | 16 | 5 | 25 | -4 | 10 | 3.6 | 152 | 119 |
| | MOSCOW | 15 | 4 | 21 | -1 | 10 | 2.6 | 28 | -9 |
| | YEKATERINBUR | 13 | 1 | 23 | -11 | 7 | 1.8 | 18 | -13 |
| | OMSK | 10 | -1 | 26 | -12 | 4 | -0.6 | 2 | -24 |
| | BARNAUL | 8 | -2 | 26 | -15 | 3 | -2.8 | 26 | -2 |
| | KHABAROVSK | 10 | -1 | 19 | -5 | 5 | -0.4 | 76 | 39 |
| | VLADIVOSTOK | 10 | 4 | 18 | -1 | 7 | 1.1 | 82 | 38 |
| | VOLGOGRAD | 17 | 5 | 26 | -2 | 11 | 1.2 | 0 | -27 |
| | ASTRAKHAN | 19 | 8 | 28 | -2 | 14 | 1.7 | 35 | 10 |
| | ORENBURG | 17 | 4 | 27 | -8 | 10 | 2.4 | 36 | 8 |
| S AFRI | JOHANNESBURG | *** | *** | 24 | 8 | *** | ***** | ***** | ***** |
| | DURBAN | 26 | 19 | 35 | 16 | 23 | 0.3 | 70 | -13 |
| | CAPE TOWN | 22 | 12 | 29 | 7 | 17 | -0.3 | 51 | 10 |
| S KORE | SEOUL | 19 | 10 | 28 | 3 | 14 | 1.3 | 35 | -39 |
| SAMOA | PAGO PAGO | 30 | 26 | 32 | 24 | 28 | -0.4 | 398 | 111 |
| SENEGA | DAKAR | 28 | 21 | 45 | 18 | 24 | 2.7 | 1 | ***** |
| SPAIN | VALLADOLID | 22 | 7 | 30 | -1 | 15 | 3.3 | 5 | -44 |
| | MADRID | 25 | 8 | 32 | 1 | 16 | 3.6 | 11 | -28 |
| | SEVILLE | 30 | 12 | 37 | 7 | 21 | 3.5 | 2 | ***** |
| SWITZE | ZURICH | 12 | 6 | 20 | 0 | 9 | -0.9 | 98 | 18 |
| | GENEVA | 14 | 6 | 24 | -1 | 10 | -0.5 | 57 | -9 |
| SYRIA | DAMASCUS | 25 | 9 | 31 | 0 | 17 | 0.8 | 10 | ***** |
| TAHITI | PAPEETE | 31 | 25 | 33 | 24 | 28 | 0.4 | 114 | 14 |
| TANZAN | DAR ES SALAA | 31 | 24 | 34 | 22 | 27 | 0.2 | 351 | 89 |
| THAILA | PHITSANULOK | 39 | 26 | 41 | 23 | 32 | 1.1 | 76 | 9 |
| | BANGKOK | 37 | 29 | 40 | 27 | 33 | 1.0 | 25 | -73 |
| TOGO | TABLIGBO | *** | *** | 40 | 0 | *** | ***** | ***** | ***** |
| TRINID | PORT OF SPAI | 32 | 24 | 33 | 22 | 28 | 0.0 | 140 | 78 |
| TUNISI | TUNIS | 23 | 12 | 31 | 6 | 18 | 0.5 | 35 | -1 |
| TURKEY | ISTANBUL | 16 | 10 | 24 | 6 | 13 | 0.5 | 95 | 52 |
| | ANKARA | 16 | 4 | 22 | -2 | 10 | 0.4 | 34 | -8 |
| TURKME | ASHKHABAD | 28 | 14 | 40 | 5 | 21 | 4.3 | 3 | -24 |
| UKINGD | ABERDEEN | 10 | 4 | 14 | -1 | 7 | -0.4 | 46 | -12 |
| | LONDON | 15 | 6 | 19 | 0 | 10 | -0.1 | 66 | 24 |
| UKRAIN | KIEV | 13 | 7 | 20 | 1 | 10 | -0.5 | 103 | 62 |
| | LVOV | 13 | 4 | 21 | -2 | 8 | -1.0 | 61 | 11 |
| | KIROVOGRAD | 14 | 7 | 20 | 2 | 10 | 0.2 | 66 | 39 |
| | ODESSA | 12 | 8 | 18 | 3 | 10 | -0.4 | 118 | 90 |
| | KHARKOV | 15 | 8 | 22 | 4 | 11 | 1.4 | 71 | 39 |
| UZBEKI | TASHKENT | 24 | 12 | 35 | 2 | 18 | 1.5 | 38 | -26 |
| VENEZU | CARACAS | 28 | 24 | 32 | 20 | 26 | -0.4 | 0 | -25 |
| YUGOSL | BELGRADE | 16 | 8 | 23 | 0 | 12 | -2.1 | 87 | 36 |
| ZAMBIA | LUSAKA | *** | *** | 30 | 13 | *** | ***** | ***** | ***** |
| ZIMBAB | KADOMA | *** | *** | 31 | *** | *** | ***** | ***** | ***** |

Based on Preliminary Reports

EUROPE
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

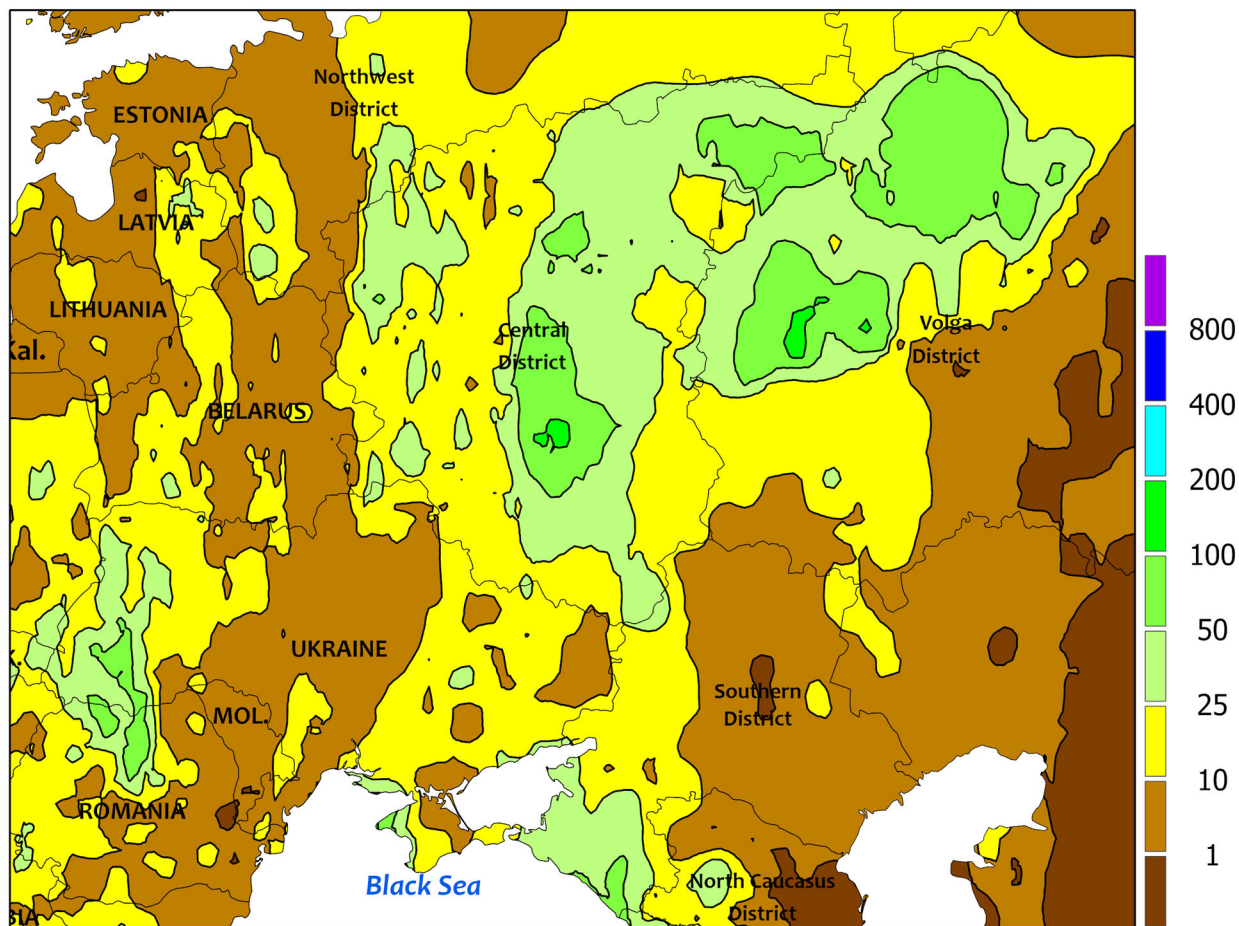


EUROPE

Unsettled weather continued, though drought and heat intensified in southwestern Europe despite localized showers. Widespread light to moderate showers and thunderstorms (5-40 mm, locally more) persisted from England and France eastward into Poland, Hungary, and the Balkans. As a result, conditions remained good to excellent for vegetative (north) to reproductive (south) winter grains and oilseeds. Unlike last week, however, rain bypassed northwestern Italy's Piemonte Region, where both short- and long-term drought remained firmly entrenched. Meanwhile, drought intensified in Portugal and Spain despite localized showers near the northern coast (5-25 mm). Year-to-date precipitation was the lowest on record

(over the past 30 years) across most of Spain's primary growing regions, with values as of April 30 a meager 28 percent of average in Andalucía (deficit of 130 mm), 26 percent in Castilla La Mancha (100 mm deficit), and 51 percent of average across Castilla y León (deficit approaching 75 mm). Exacerbating the drought's impacts on reproductive to filling winter wheat and barley were temperatures which averaged 5 to 9°C above normal, with daytime highs in the middle and upper 30s (degrees C) in central and southern crop areas. Average temperatures for the last week of April were the highest on record in every primary winter crop delegation, easily eclipsing the previous benchmarks set in 2002 and 2010.

WESTERN FSU
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



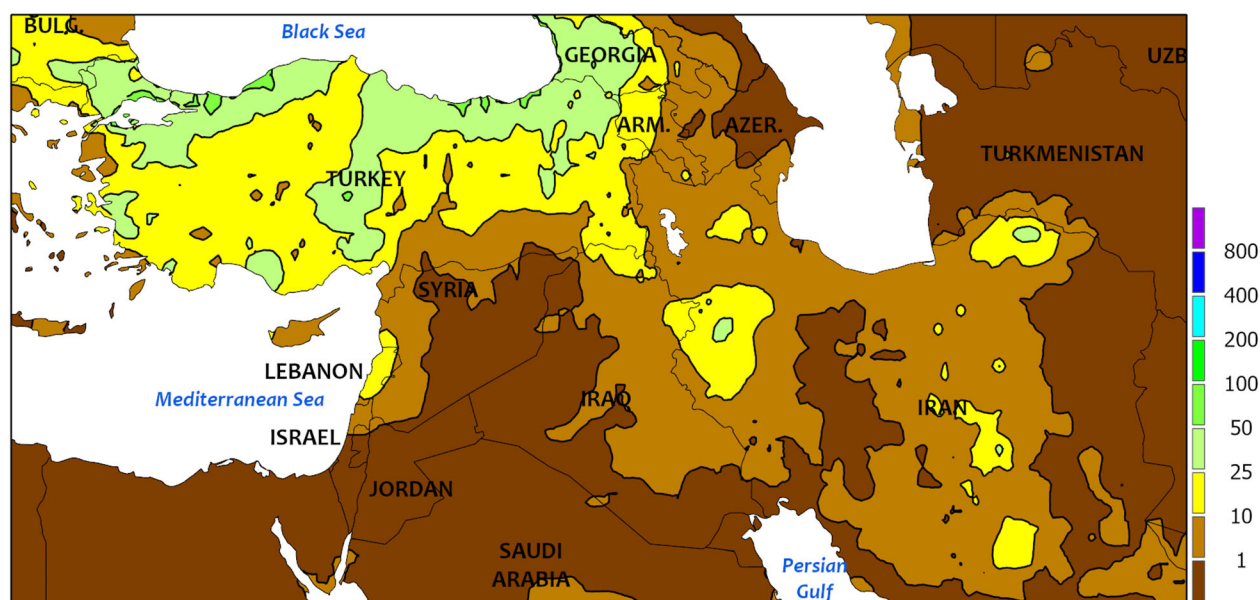
WESTERN FSU

Widespread showers persisted, with warm conditions in the east contrasting with cool weather in the west. Additional showers and thunderstorms netted most primary growing areas 5 to 40 mm in Moldova, Ukraine, and western Russia. Consequently, soil moisture remained adequate to abundant for vegetative winter grains and oilseeds as well as summer crop emergence and establishment. Temperatures averaged up to

3°C below normal in Moldova and western Ukraine, near normal in central and eastern Ukraine, but 2 to 5°C above normal in Russia (warmest in the east and north).

The WWCB focuses entirely on weather and resultant crop conditions; conflict and unrest are beyond the scope of this publication.

MIDDLE EAST
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



MIDDLE EAST

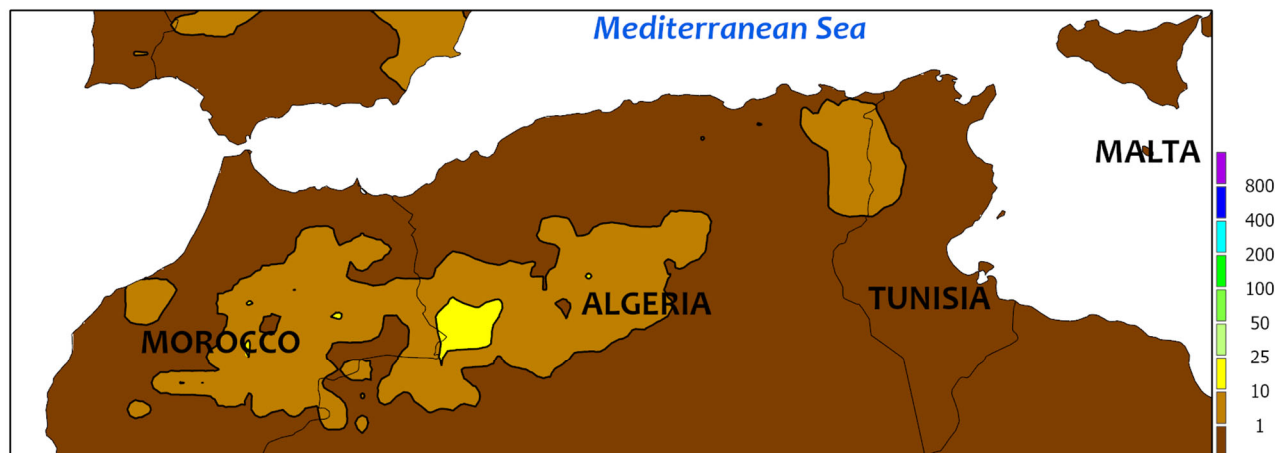
Showers continued in Turkey and returned to parts of Iraq and Iran. In Turkey, an additional 5 to 50 mm of rainfall boosted moisture supplies for winter grains and summer crops. Prospects for late vegetative (Anatolian Plateau) to filling (GAP Region) wheat and barley have improved considerably following pronounced fall and winter drought, though winter crops would benefit from a spell of warmer, drier weather. Variable showers (2-30 mm) also returned to much of Iraq as well as western and northern Iran, maintaining good moisture supplies for

reproductive to filling winter crops. In contrast, most of northeastern Iran remained entrenched in drought, though spotty showers (up to 30 mm) provided highly localized relief. Elsewhere, sunny skies across the eastern Mediterranean Coast and environs favored filling to maturing wheat and barley. Temperatures averaged 2 to 4°C below normal across the western third of the region, 1 to 3°C above normal from Iraq into northern Iran, but up to 6°C above normal in the drought-afflicted Khorasan Province of northeastern Iran.

NORTHWESTERN AFRICA

Total Precipitation(mm)

April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

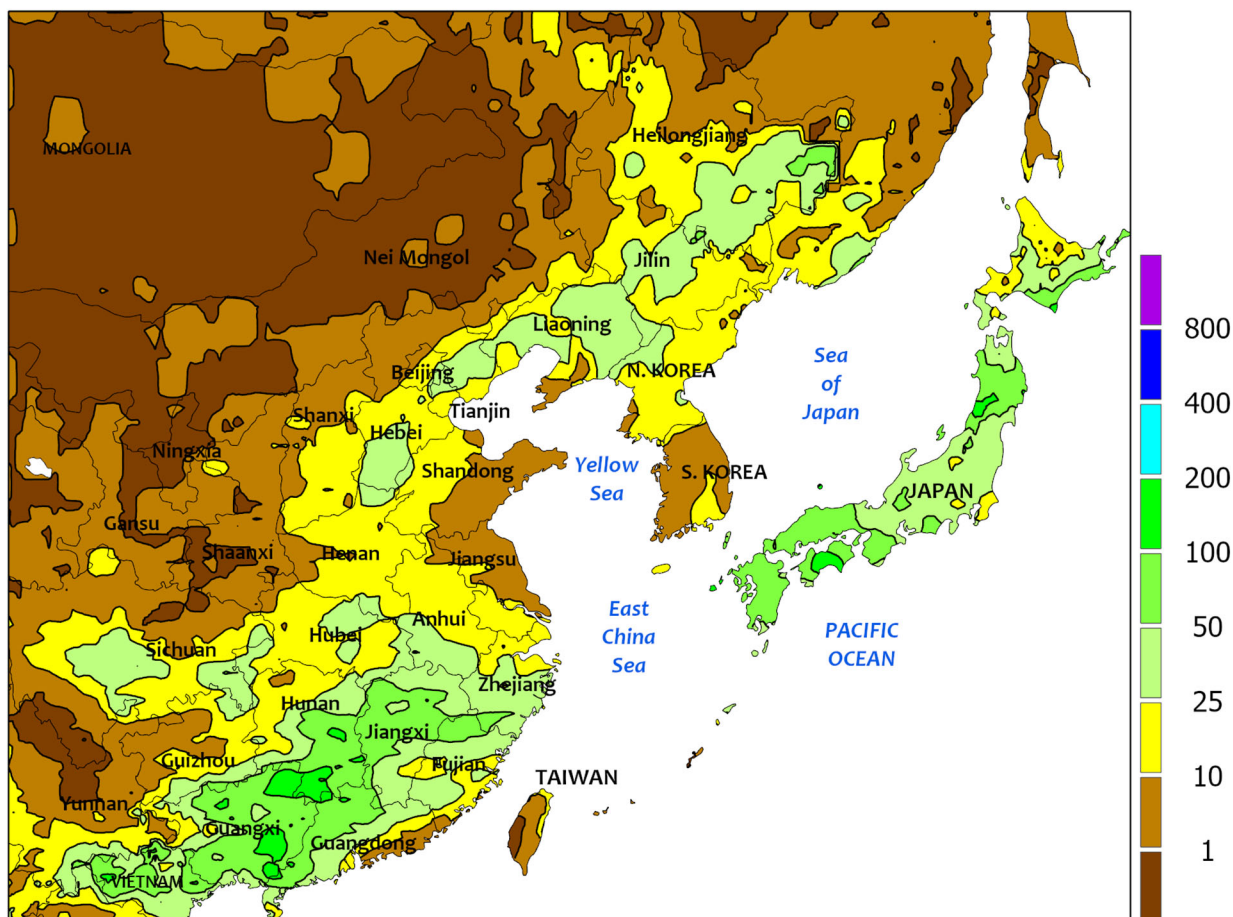


NORTHWESTERN AFRICA

Dry and very hot weather further lowered winter grain yield prospects across much of the region. No rain was reported save for 1 to 5 mm along the Algeria-Tunisia border and up to 20 mm in the higher terrain of western Algeria. Otherwise, this season's severe to extreme drought continued. Exacerbating the drought's impacts on filling to maturing winter grains were temperatures which averaged 4 to 9°C above normal across the entire region. Daytime highs reached 41°C in Morocco, 42°C in north-central Algeria, and 38°C in northern Tunisia. Average temperatures for the last week of

April were by far the highest on record (over the past 30 years) in Morocco, western and central Algeria, and most of Tunisia. The latest satellite-derived Vegetation Health Index (VHI) indicated fair to very poor conditions for maturing winter grains from Morocco into central Algeria. The VHI remained highly variable farther east, with good crop vigor in coastal portions of northeastern Algeria and Tunisia contrasting with a historically low VHI farther inland; wheat and barley were filling over the eastern third of the region, but still reproductive on the cooler Hautes Plateau of eastern Algeria.

EASTERN ASIA
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

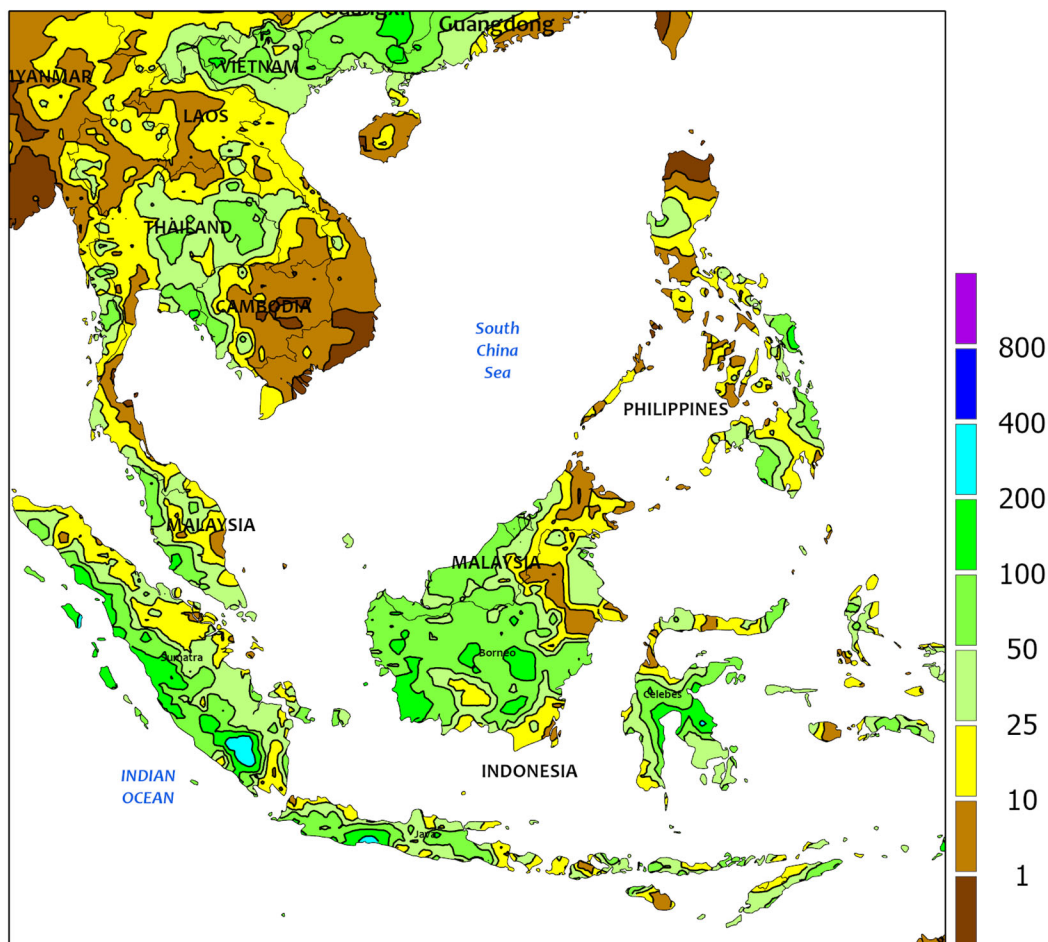


EASTERN ASIA

Showers moved across eastern China early in the period, with most areas recording less than 25 mm. The rainfall was a continuation of heavier rain late last week, benefiting reproductive wheat on the North China Plain. Following little spring rainfall at the start of the season, timely wet weather in early and late April pushed seasonal totals above average. Meanwhile, weekly showers became increasingly heavier and more regular toward the Yangtze Valley (10-50

mm) and into southern-most China (25-100 mm). Here to, the moisture was welcome for reproductive rapeseed and vegetative early-crop rice. Additionally, despite weekly temperatures averaging up to 7°C below normal, warmer weather moved into all the aforementioned areas by mid-week. Elsewhere, warmer conditions in western China supported cotton planting after periods of cool weather earlier in April delayed sowing.

SOUTHEAST ASIA
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

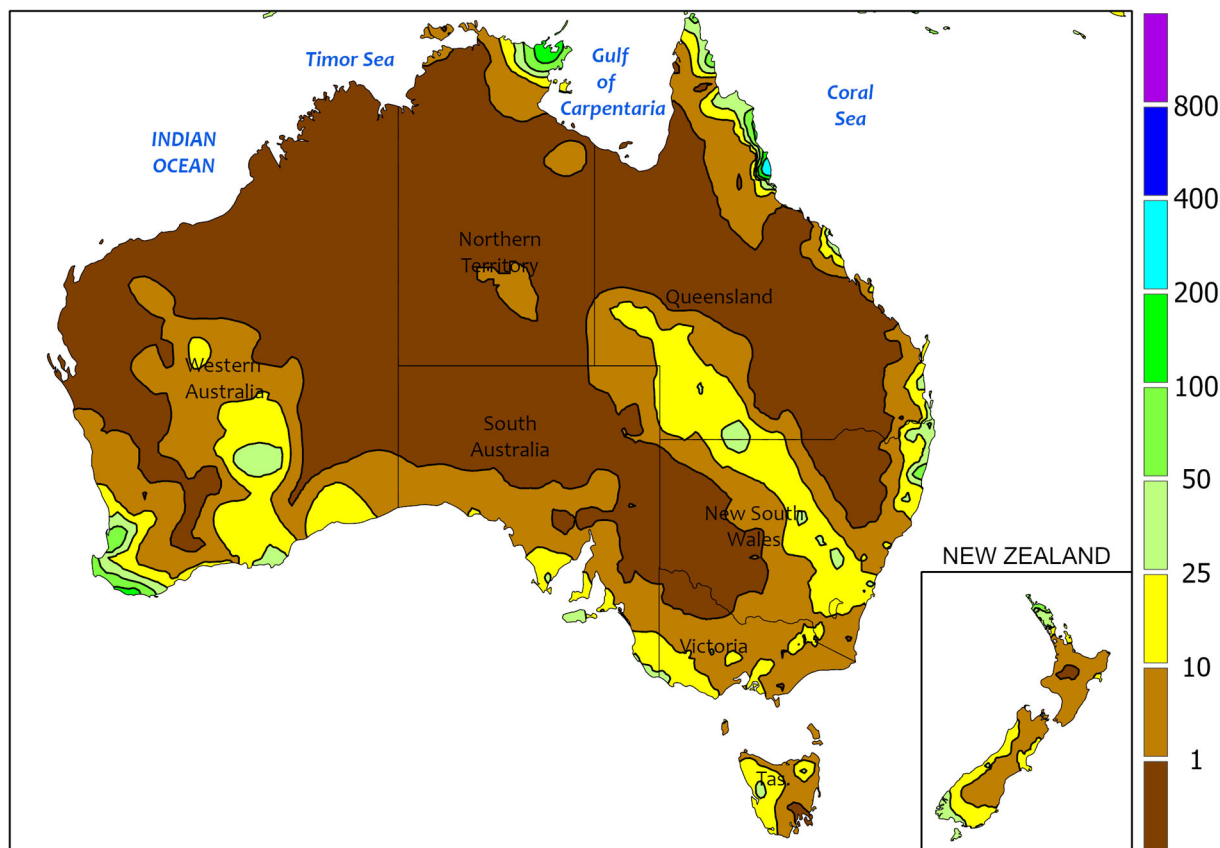


SOUTHEAST ASIA

Showers prevailed throughout most of the region, with the highest totals predominantly confined to southern sections. Indonesia and Malaysia recorded widespread rainfall amounts between 25 and 100 mm, supporting oil palm and seasonal rice. In the Philippines, showers were widespread but totals over 25

mm were generally localized; preparations for the main growing season continued. Meanwhile, showers (10-100 mm) flared across Thailand and environs, providing beneficial early-season moisture, as rice growers continued to prepare paddies for the onset of the wet season (southwest monsoon) in May.

AUSTRALIA
Total Precipitation(mm)
April 23 - 29, 2023



Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
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<https://creativecommons.org/licenses/by/3.0/au/legalcode>

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

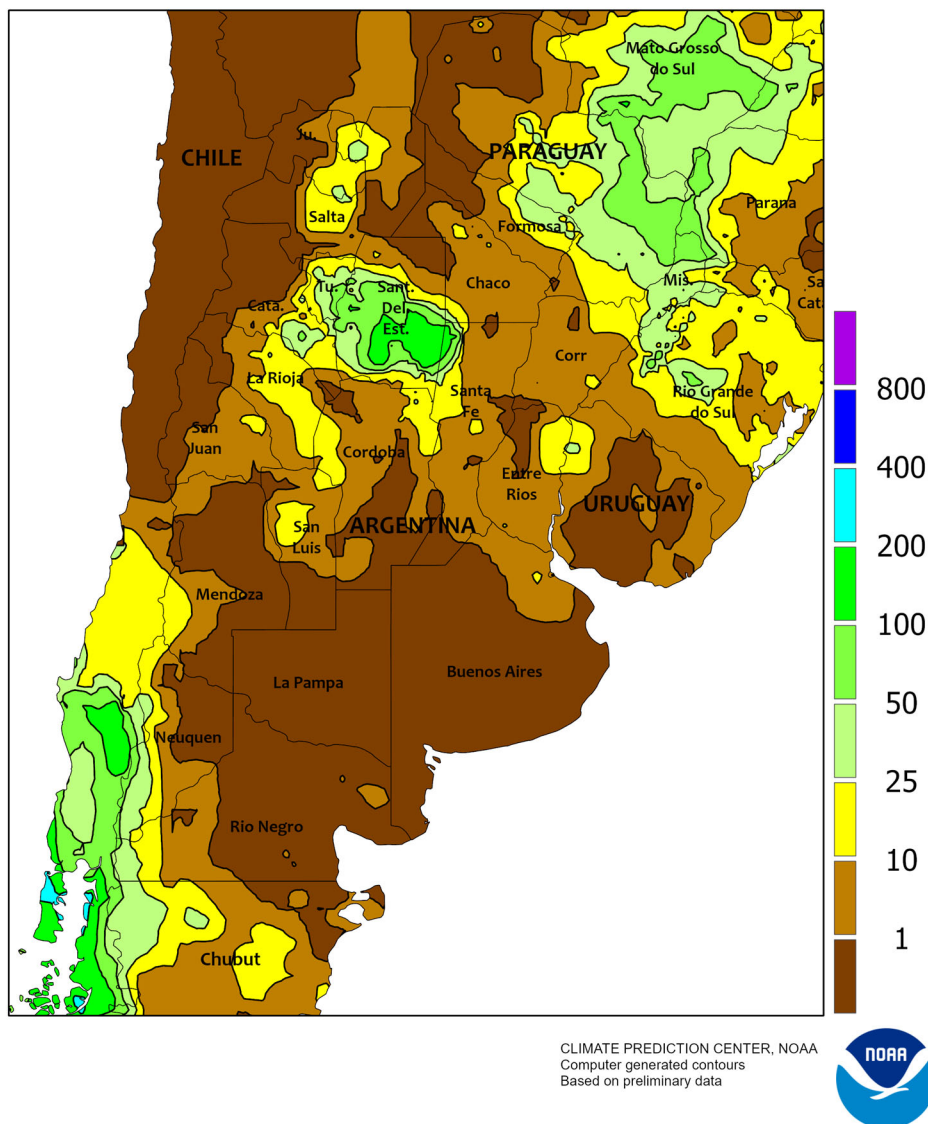


AUSTRALIA

Scattered showers (5-25 mm, locally more) dotted the wheat belt, maintaining overall favorable moisture supplies for early winter grain and oilseed development. Root zone soil moisture remained near to above normal in major wheat, barley, and canola growing areas, promoting germination and emergence of the earliest sown crops. Winter crop planting continued to gain momentum, with the pockets of rain triggering additional

planting in their wake. Mostly dry weather in northern New South Wales and southern Queensland allowed cotton, sorghum, and other summer crop harvesting to progress without delay. Temperatures averaged near normal in the northeast, 1 to 2°C above normal in the southeast, and 2 to 4°C below normal in the west. Maximum temperature ranged from the middle 20s to near 30 degrees C throughout the wheat belt.

ARGENTINA
Total Precipitation(mm)
April 23 - 29, 2023

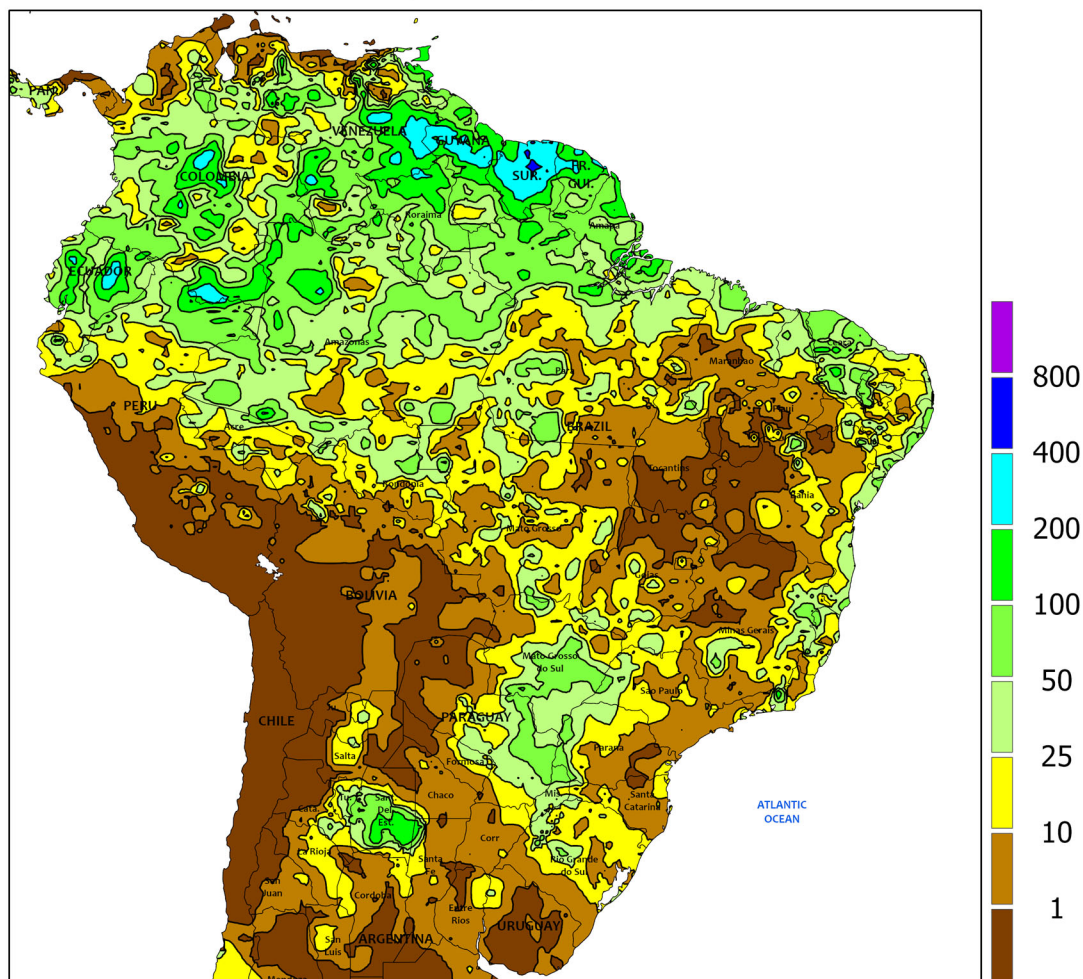


ARGENTINA

Dry, unseasonably warm weather fostered a rapid pace of autumn fieldwork in central Argentina. La Pampa, southern Cordoba, and most of Buenos Aires were completely dry, with other neighboring farming areas recording less than 10 mm. Weekly temperatures averaging up to 4°C above normal (daytime highs reaching the lower 30s degrees C) accompanied the dryness, fostering rapid drydown of soybeans and corn but drying topsoils for winter grain germination. Farther north, early-week, moderate to locally heavy showers (10-25 mm,

locally exceeding 50 mm) increased moisture for the upcoming winter grain season in the northwest (including Santiago del Estero), although the moisture was untimely for cotton harvesting. Showers were generally lighter and more scattered farther east, supporting fieldwork. According to the government of Argentina, corn was 24 percent harvested as of April 27 versus 35 percent last year, while soybeans were 32 percent harvested (46 percent last year). Cotton was 19 percent harvested, compared with 23 percent last year.

BRAZIL
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

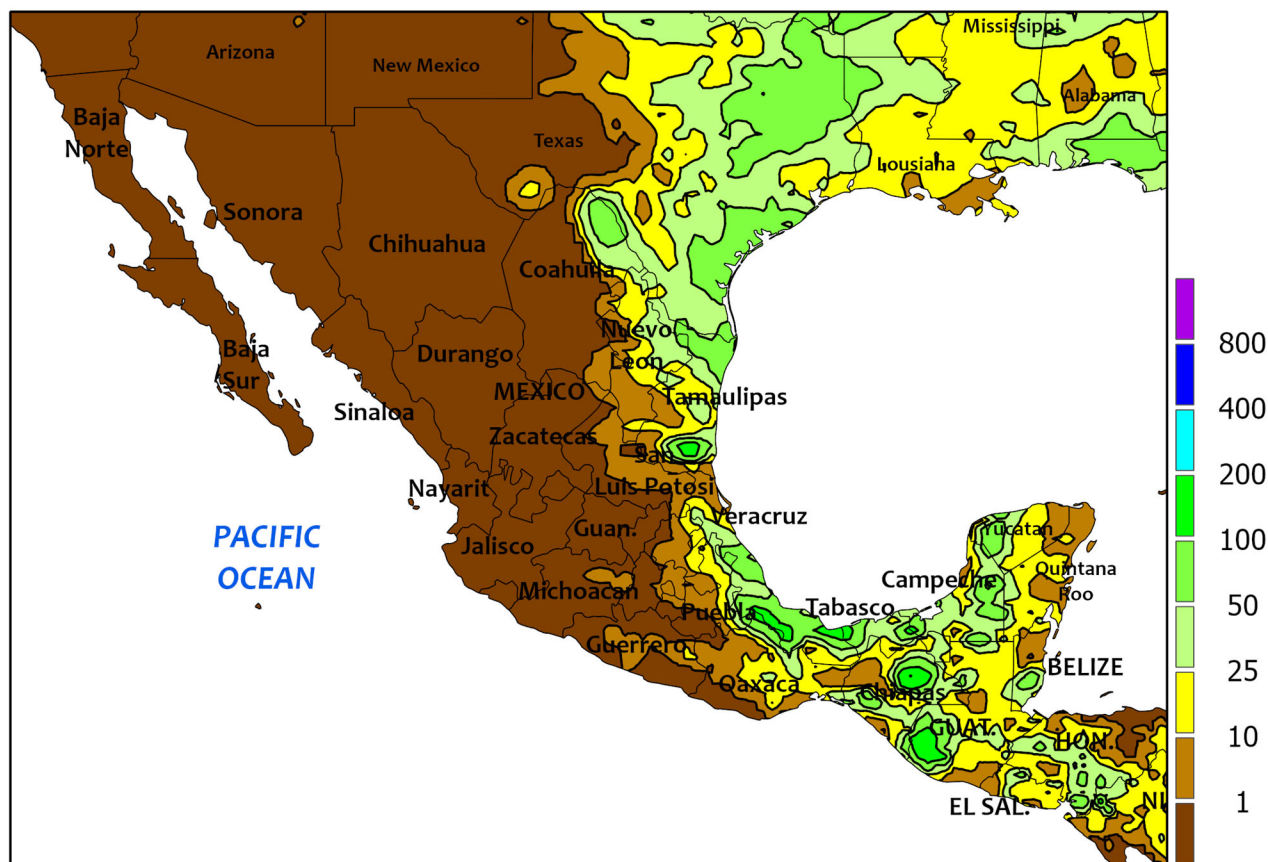


BRAZIL

Showers maintained favorable prospects for immature corn in central and southern Brazil. Rainfall totaled 10 to 50 mm – locally approaching 100 mm – from southeastern Mato Grosso to Rio Grande do Sul. Highest daytime temperatures in these locations ranged from the lower and middle 30s (degrees C) in traditionally warmer locations to the middle and upper 20s in the south. According to the government of Paraná, soybeans and first crop corn were 98 and 87 percent harvested, respectively, as of April 24. Meanwhile, second-crop corn planting was completed, with 25 percent of the crop having reached flowering, and wheat

planting was also advancing (10 percent). In Rio Grande do Sul, soybeans were 30 percent filling to maturing as of April 27, with 70 percent harvested, while corn was 82 percent harvested. Drier conditions prevailed elsewhere, including cotton areas in the northeastern interior (northern Minas Gerais through western Bahia), with highest daytime temperatures reaching the middle 30s by week's end. This region has been trending dry since the early part of April, limiting moisture for immature cotton. Additional significant moisture for this season's cotton crop is unlikely given the nearness of the dry season.

MEXICO
Total Precipitation(mm)
April 23 - 29, 2023



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data



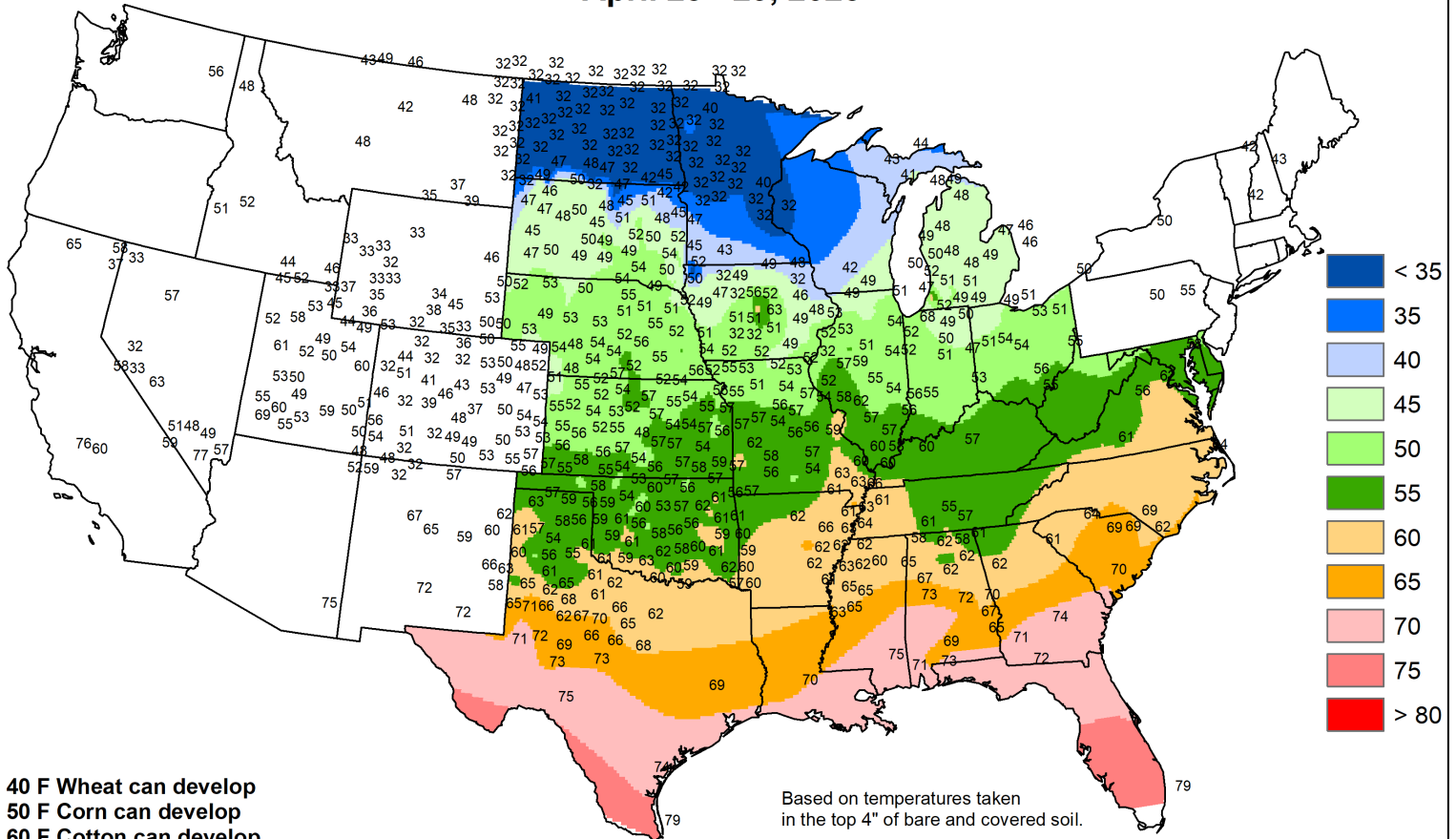
MEXICO

Beneficial showers continued along the Gulf Coast, providing timely moisture for immature winter-grown crops and new summer plantings. Most locations from southern Veracruz south and eastward recorded rainfall totaling 25 to 50 mm, locally reaching 100 mm. The moisture was generally confined to farming areas closest to the coast, with little reaching the

southern plateau corn belt (Puebla westward). Similarly, showers (25-100 mm) in the northeast benefited immature winter sorghum in the vicinity of Tamaulipas. Meanwhile, seasonably drier conditions prevailed in western and central Mexico, where producers await the onset of seasonal rainfall for planting corn and other rainfed summer crops.

Average Soil Temperature (Deg. F)

April 23 - 29, 2023



Data provided by the Climate Prediction Center, High Plains Regional Climate Center, Nebraska Mesonet at Univ of Nebraska, CoAgMet at Colorado State Univ, Kansas Mesonet at Kansas State Univ, North Dakota Agricultural Weather Network at North Dakota State Univ, Wyoming State Climate Office at the Univ of Wyoming, Illinois State Water Survey, Iowa State University, Oklahoma Mesonet, Purdue University, University of Missouri, Illinois State Water Survey, Michigan Automated Weather Network, West Texas Mesonet, South Dakota State Univ. Mesonet, Ohio Agricultural Research and Development Center, Univ. of Missouri and USDA/NRCS.



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. The contents may be redistributed freely with proper credit.

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